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APRIL 1977 SUMMARY



FEDERAL MILK ORDER MARKET STATISTICS

APRIL HIGHLIGHTS

MINIMUM CLASS I PRICE, \$10.29; BLEND, \$9.40

PRODUCER DELIVERIES UP 2.7 PERCENT

PRODUCER MILK USED IN CLASS I DOWN 1.7 PERCENT

52 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) DOWN 1.0 PERCENT

*
* SPECIAL THIS ISSUE *
*
* Fluid Milk Processing Plants in *
* Federal Milk Order Marketing Areas*
*
* See Page 34 *
*

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
WASHINGTON, D.C.

ISSUED - June 1977

FMOS - 208

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FEDERAL MILK ORDER MARKET STATISTICS

Summary of prices, deliveries, and deliveries used in Class I

Year	Number of markets	Average number of producers	Change from prev. year 1/	Producers' deliveries	Average daily deliveries	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Pct.	Bill. lb.	Pounds	Pct.	Bill. lb.	Pct.	Percent	Dollars
1972	62	136,881	1.5	68.7	1,372	1.5	40.9	2.0	60	7.10
1973	61	131,565	-3.6	66.2	1,386	-3.6	40.5	-1.0	61	8.03
1974	61	126,094	2.3	67.8	1,473	2.3	39.3	-3.0	58	9.35
1975	56	123,855	2.2	69.2	1,532	2.2	40.1	2.1	58	9.36
1976	50	122,770	7.4	74.6	1,659	7.4	41.0	1.9	55	10.70

1/ Percentages computed from unrounded pounds.

Year and month	Number of comp. markets	Producers' deliveries	Change from prev. year 1/	Producers' deliveries	Average daily deliveries	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Pct.	Bill. lb.	Pounds	Pct.	Bill. lb.	Pct.	Percent	Dollars
1977: 2/ Jan.	46	107,058	5.5	5.5	1,671	3.2	3.2	-3.2	58	10.38
Feb.	46	106,227	5.1	5.1	1,724	2.9	2.9	2.9	57	10.37
Mar.	46	106,309	5.9	5.9	1,788	2.8	3.3	-7	58	10.32
Apr.	46	105,702	5.9	5.9	1,871	2.7	3.1	-1.7	54	10.29
May										
June										
July										
Aug.										
Sept.										
Oct.										
Nov.										
Dec.										
Year to date 3/	—	106,324	22.5	2.9	1,764	1,674	12.6	-8	56	10.34

1/ Percentages computed from unrounded pounds. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

2/ Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

3/ Average or total.

Summary of packaged fluid milk and fluid cream product sales 1/

Year	No. of mths.	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and Cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Mil. lb.	Percent	Change over prev. year 6/	Mil. lb.	Percent	Change over prev. year 6/	Mil. lb.	Percent	Change over prev. year 6/	Mil. lb.	Percent	Change over prev. year 6/	Mil. lb.	Percent	Change over prev. year 6/
1973	61	29,854	- 3.0	3.42:	10,273	9.1	1.46:	405	- 2.1	11.1:	291	3.4	23.2:	41,138	- 0.2	3.14
1974	61	28,067	- 5.6	3.41:	10,910	6.4	1.46:	386	- 4.5	10.9:	328	7/ 7.6	22.1:	39,881	- 2.5	3.10
1975	56	27,939	- .5	3.37:	11,989	9.9	1.47:	378	- 2.0	11.0:	363	7/10.9	21.8:	40,890	2.5	3.05
1976 8/	49	23,702	- .4	3.34:	12,435	9.0	1.49:	346	4.9	11.1:	359	4.7	21.3:	37,089	2.7	2.97
1977 8/																
Jan.	49	2,028	- 3.2	3.34:	1,125	5.3	1.50:	27	- 1.8	11.1:	24	- 7.4	21.0:	3,219	- .4	2.89
Feb.	49	1,827	2.5	3.33:	1,037	12.1	1.48:	26	5.1	11.1:	23	- 1.2	21.0:	2,929	5.8	2.88
Mar.	49	2,036	- 1.7	3.33:	1,166	8.7	1.48:	29	- .6	11.1:	28	- 4.1	20.7:	3,281	1.9	2.88
Apr.																
May																
June																
July																
Aug.																
Sept.																
Oct.																
Nov.																
Dec.																
Year to date	---	5,891	- 1.0	3.34:	3,328	8.6	1.49:	82	.7	11.1:	75	- 4.3	20.9:	9,429	2.3	2.88

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified, flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey. Data for comparable Federal milk order markets can be found on tables 10 and 11.

Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	No. of mks:	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			SKIM MILK POWDER			TOTAL 2/		
		Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.
		lb.	over	Bf.	lb.	over	Bf.	lb.	over	Bf.	lb.	over	Bf.	lb.	over	Bf.	lb.	over	Bf.
		prev.	year3/		prev.	year3/		prev.	year3/		prev.	year3/		prev.	year3/		prev.	year3/	
1973	61	952	-13.6	39.2	7,631	8.5	3.83	2,540	-3.2	10.9	4,535	-6.4	1.11	5,151	-22.5	0.05	27,914	-4.0	4.29
1974	61	1,026	2.4	37.2	10,878	41.3	3.78	2,534	3.8	11.3	4,046	-7.8	1.15	5,932	15.3	.07	30,844	10.6	4.28
1975	56	984	-1.4	38.2	11,621	7.4	3.80	2,868	16.5	11.7	4,126	-1.5	1.11	5,926	-.1	.07	31,397	4.2	4.38
1976 4/5/	49	984	13.8	40.9	13,339	26.8	3.75	2,672	3.3	11.8	3,289	7.2	1.09	6,043	15.0	.08	31,209	14.1	4.46
1977 5/	49	110	28.1	41.8	1,158	26.0	3.96	164	3.7	13.5	245	0.7	1.09	481	37.7	0.10	2,551	19.2	5.04
Jan.	49	98	26.0	42.3	1,113	23.9	3.88	179	6.2	12.7	251	4.9	1.10	463	19.1	.09	2,493	18.6	4.85
Feb.	49	101	21.3	41.9	1,317	22.6	3.79	242	3.4	12.0	307	-2.6	1.08	573	26.5	.08	2,985	15.5	4.59
Mar.																			
Apr.																			
May																			
June																			
July																			
Aug.																			
Sept.																			
Oct.																			
Nov.																			
Dec.																			
Year to date	---	309	25.1	42.0	3,589	24.1	3.87	535	4.4	12.6	804	.7	1.09	1,517	27.4	.09	8,028	17.7	4.81

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; and, milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
	No.	Mil. lb.	Percent		Mil. lb.	Percent		Unadj.	Adj.	5/	Bf.	test
			Change over previous year 4/	Unadj.		Change over previous year 4/	Unadj.					
1973 6/	57	23,727	- 3.1	- 3.2	3.42	8.5	1.49	32,856	32,850	- 0.2	- 0.2	2.88
1974 6/	57	22,243	- 6.2	- 6.2	3.41	6.6	1.49	31,967	31,957	- 2.7	- 2.7	2.82
1975 7/	55	22,180	- .9	- .9	3.36	9.9	1.49	32,937	32,937	2.3	2.4	2.75
1976 8/	48	21,685	- 3.0	- 3.1	3.34	7.0	1.50	33,324	33,195	.3	.2	2.69
1977 8/	48	1,884	- 6.3	- 2.8	3.34	3.1	1.50	2,955	2,843	- 3.1	0.7	2.67
January	48	1,696	- .5	- 3.6	3.34	9.6	1.48	2,680	2,795	3.0	- .3	2.65
February	48	1,891	- 4.0	- 4.0	3.33	7.0	1.48	3,000	2,839	- .2	- .2	2.65
March	48	1,796	- 3.9	- 4.2	3.32	5.6	1.48	2,850	2,793	- .6	- 1.0	2.64
April 2/												
May												
June												
July												
August												
September												
October												
November												
December												
Year to date	—	7,267	- 3.8	- 3.7	3.33	6.2	1.49	11,484	11,271	- .4	- .2	2.65

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 196, April 1976.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ Estimated.

Table 1.—Federal order fluid differentials, May and June 1977; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point* and butterfat differentials, May 1976 and 1977; and Class I price, June 1976 and 1977

Marketing area	Fluid						Fat diff.						Class I price						Marketing area	Fluid						Fat diff.						Class I price																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content.

2/ Tied to the St. Louis-Ozarks order.

3/ The data shown for May 1976 represent what the prices would have been had the order been in effect at that time.

4/ Effective May 1, 1977 the North Central Iowa, Cedar Rapids-Iowa City, Quad Cities-Dubuque, and Des Moines markets were merged to form Iowa.

The data shown for the previous year represent what the prices would have been had the order been in effect at those times.

5/ Tied to the Oklahoma Metropolitan order.

6/ The data shown for the previous year represent what the prices would have been had the order been in effect at those times.

TABLE 2.—FEDERAL CROER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, APRIL**

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	APRIL 1977	APRIL 1976	APRIL 1977	APRIL 1976	APRIL 1977		APRIL 1977			
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND <u>1/</u>	11.14	11.23	9.85	9.79	8.57	---	11.5	11.5	---	11.5
AVERAGE <u>2/</u>	11.14	11.23	9.85	9.79	---	---	11.5	---	---	11.5
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY <u>4/</u>	10.80	10.89	9.26	9.29	8.59	---	11.5	11.5	---	11.5
MIDDLE ATLANTIC <u>5/</u>	10.94	11.03	<u>6/</u> 9.82	<u>6/</u> 9.94	8.53	---	11.5	11.5	---	11.5
AVERAGE <u>3/</u>	10.86	10.95	9.46	9.51	---	---	11.5	---	---	11.5
SOUTH ATLANTIC										
TAMPA BAY	11.11	11.20	11.03	10.99	8.75	---	7.5	11.5	---	8.8
SOUTHEASTERN FLORIDA <u>7/</u>	11.31	11.40	11.27	11.19	8.75	<u>8/</u> 4.52	7.5	11.5	11.5	8.7
UPPER FLORIDA <u>9/</u>	11.01	11.10	11.02	10.90	8.75	---	7.5	11.5	---	8.5
GEORGIA <u>10/</u>	10.46	10.55	9.97	10.09	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	10.88	10.97	10.62	10.64	---	---	9.1	---	---	9.9
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN <u>11/</u>	9.76	9.85	9.26	9.29	8.75	8.60	11.3	11.3	11.3	11.3
EASTERN OHIO-WESTERN PA. <u>12/</u>	10.01	10.10	<u>13/</u> 9.10	<u>13/</u> 9.12	8.70	8.60	11.5	11.5	11.5	11.5
OHIO VALLEY <u>14/</u>	9.86	9.95	9.13	9.17	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	9.87	9.96	9.17	9.20	---	---	11.4	---	---	11.4
WESTERN GROUP										
MICHIGAN UPPER PENINSULA <u>15/</u> <u>16/</u>	9.51	9.60	9.10	9.01	8.60	---	11.6	11.5	---	11.6
CHICAGO REGIONAL <u>17/</u>	9.42	9.51	8.98	8.91	8.70	8.60	11.5	11.5	11.5	11.5
LSVILLE-LXGICN-EVNSVILLE	9.86	9.74	8.90	8.80	8.70	8.60	11.5	11.5	11.5	11.5
INDIANA <u>18/</u>	9.63	9.72	<u>13/</u> 9.09	<u>13/</u> 9.09	8.70	8.60	11.5	11.5	11.5	11.5
SOUTHERN ILLINOIS <u>19/</u>	9.69	9.78	9.11	9.10	8.70	8.60	11.5	11.5	11.5	11.5
CENTRAL ILLINOIS <u>20/</u>	9.55	9.64	8.94	8.92	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	9.56	9.62	9.00	8.94	---	---	11.5	---	---	11.5
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST <u>21/</u>	9.28	<u>2/</u> 9.34	8.80	<u>2/</u> 8.76	8.70	8.60	11.5	11.5	11.5	11.5
EASTERN SOUTH DAKOTA <u>22/</u>	9.56	9.75	9.06	9.05	8.70	8.60	11.5	11.5	11.5	11.5
BLACK HILLS <u>23/</u>	10.11	10.20	9.39	9.37	8.60	---	11.1	11.0	---	11.0
NORTH CENTRAL ICWA <u>24/</u> <u>25/</u>	9.41	9.50	9.27	9.34	8.70	8.60	11.5	11.5	11.5	11.5
CECARS RAPIDS - IOWA CITY	9.49	9.58	9.09	9.28	8.70	8.60	11.5	11.5	11.5	11.5
QUAO CITIES - OUBUQUE <u>26/</u>	9.49	9.58	8.98	8.97	8.70	8.60	11.5	11.5	11.5	11.5
OES MOINES	9.56	9.65	9.21	9.12	8.70	8.60	11.5	11.5	11.5	11.5
NEBRASKA - WESTERN IOWA <u>27/</u>	9.76	9.85	<u>13/</u> 9.14	<u>13/</u> 9.14	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	9.62	9.72	9.13	9.12	---	---	11.5	---	---	11.5

* Major city in the marketing area. ** All averages are weighted. 1/ Nearby plant zone price; Boston and Hartford are in this zone. Price at 20L-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. 2/ Represents a weighted average price for the merged orders. 3/ Markets under regulation on January 1, 1977, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi. 4/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 20L-210 mile zone: Class I and blend, 24 cents less; Class II, eight cents less. 5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. 6/ Blend price excludes a 7-cent deduction for the advertising and promotion program. 7/ Miami. 8/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 9/ Jacksonville and Tallahassee. 10/ Atlanta. 11/ Detroit. Price excludes an 8-cent direct delivery differential applicable to milk delivered to Detroit. 12/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 13/ Blend price excludes a 5-cent deduction for the advertising and promotion program. 14/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 15/ Zone 2 (Marquette). 16/ Weighted average of all handlers' blend prices at all locations, 1977-76. 17/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 6 cents less. 18/ Indianapolis. 19/ Base zone (Alton). Class I and blend price at Carbondale (southeastern zone) seven cents more. 20/ Peoria. 21/ Zone I (Minneapolis, Rochester, and Duluth, Minnesota; Fargo, North Dakota, and Superior, Wisconsin. 22/ Sioux Falls. 23/ Rapid City, South Dakota. 24/ Zone I (Waterloo). 25/ Blend prices are weighted average of all handlers, 1977-76. 26/ Rock Island, Illinois. 27/ Zone I (Omaha).

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, APRIL** —CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	APRIL 1977	APRIL 1976	APRIL 1977	APRIL 1976	APRIL 1977		APRIL 1977			
	DOLLARS						CENTS			
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - OZARKS <u>28/</u>	9.76	9.85	<u>13/</u> 9.01	<u>13/</u> 9.03	8.70	8.60	11.5	11.5	11.5	11.5
GREATER KANSAS CITY <u>29/</u>	9.90	9.99	<u>13/</u> 9.22	<u>13/</u> 9.32	8.70	8.60	11.5	11.5	11.5	11.5
NECSHO VALLEY <u>30/</u>	9.81	9.90	<u>13/</u> 9.81	<u>13/</u> 9.63	8.70	8.60	11.5	11.5	11.5	11.5
WICHITA <u>31/</u>	9.96	10.05	<u>13/</u> 9.32	<u>13/</u> 9.28	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	9.82	9.91	<u>9.11</u>	9.16	---	---	11.5	---	---	11.5
EAST SOUTH CENTRAL										
PACUCAH	9.86	9.95	9.15	9.22	8.70	8.60	11.5	11.5	11.5	11.5
NASHVILLE	10.01	9.83	9.27	9.16	8.70	8.60	11.5	11.5	11.5	11.5
MEMPHIS <u>25/</u>	10.10	10.19	<u>13/</u> 9.82	<u>13/</u> 9.91	8.70	8.60	11.5	11.5	11.5	11.5
TENNESSEE VALLEY <u>32/</u>	10.26 <u>2/</u>	10.31	9.80	<u>2/</u> 9.74	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	10.02	9.98	9.42	9.38	---	---	11.5	---	---	11.5
WEST SOUTH CENTRAL										
NORTHERN GROUP <u>33/</u>										
CENTRAL ARKANSAS <u>34/</u>	10.10	10.19	<u>13/</u> 9.68	<u>13/</u> 9.95	8.70	8.60	11.5	11.5	11.5	11.5
OKLAHOMA METROPOLITAN <u>35/</u>	10.14	10.23	<u>13/</u> 9.48	<u>13/</u> 9.49	8.70	8.60	11.5	11.5	11.5	11.5
REC RIVER VALLEY <u>36/</u>	10.36	10.45	<u>13/</u> 9.81	<u>13/</u> 9.82	8.70	8.60	11.5	11.5	11.5	11.5
TEXAS PANHANDLE <u>37/</u>	10.41	10.50	<u>13/</u> 9.73	<u>13/</u> 9.95	8.70	8.60	11.5	11.5	11.5	11.5
LUBBOCK - PLAINVIEW	10.58	10.67	<u>13/</u> 10.08	<u>13/</u> 10.33	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	10.19	10.28	9.60	9.70	---	---	11.5	---	---	11.5
SOUTHERN GROUP										
GREATER LOUISIANA <u>38/</u>	10.63	10.72	10.20	10.20	8.70	8.60	11.5	11.5	11.5	11.5
NEW ORLEANS-MISSISSIPPI <u>39/</u>	11.01	11.10	10.17	10.17	8.70	8.60	11.5	11.5	11.5	11.5
TEXAS <u>40/</u>	10.48	10.57	<u>13/</u> 9.89	<u>13/</u> 9.93	8.70	8.60	11.5	11.5	11.5	11.5
AVERAGE <u>3/</u>	10.48	10.57	9.89	9.93	---	---	11.5	---	---	11.5
MOUNTAIN										
EASTERN COLORADO <u>41/</u>	10.46	10.55	10.02	10.01	8.75	8.60	12.0	12.0	12.0	12.0
GREAT BASIN <u>42/</u>	10.06	10.15	9.46	9.43	8.75	8.60	11.1	11.5	11.5	11.3
WESTERN COLORADO <u>43/</u>	10.16	10.25	9.50	9.70	8.65	8.60	11.1	12.0	12.0	11.6
CENTRAL ARIZONA <u>44/</u>	10.68	10.77	9.81	9.85	8.70	8.60	11.5	11.5	11.5	11.5
RIO GRANDE VALLEY <u>45/</u>	10.51	10.60	<u>13/</u> 10.08	<u>13/</u> 10.16	8.70	8.60	11.5	11.5	11.5	11.5
LAKE MEAD <u>46/</u>	9.76	9.85	9.51	9.53	8.75	8.60	11.1	11.5	11.5	11.3
AVERAGE <u>3/</u>	10.41	10.50	9.80	9.82	---	---	11.5	---	---	11.6
PACIFIC										
PUGET SOUND <u>47/</u>	10.01	10.10	9.23	9.19	8.85	8.60	11.5	11.5	11.5	11.5
INLAND EMPIRE <u>48/</u>	10.11	10.20	9.37	9.44	8.85	8.60	11.4	11.5	11.5	11.5
OREGON - WASHINGTON <u>49/</u>	10.11	10.20	9.49	9.52	8.85	8.60	11.1	11.5	11.5	11.3
AVERAGE <u>3/</u>	10.07	10.16	9.35	9.35	---	---	11.3	---	---	11.4
<u>45-</u> MARKET AVERAGE <u>2/ 33/</u>	10.29	10.37	9.40	9.42	<u>50/</u> 8.68	---	11.3	---	---	11.4
ALL- MARKET AVERAGE	10.27	10.35	9.37	9.40	<u>50/</u> 8.68	---	11.3	---	---	11.4

28/ Zone I (St. Louis and Springfield). 29/ Kansas City and Topeka. 30/ Pittsburg, Kansas. 31/ Zone I (Wichita). 32/ Bristol, Chattanooga and Knoxville. 33/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1977, \$10.11 and 1976, \$10.20; Blend 13/ 1977, \$9.69 and 1976, \$10.01; Class II 1977, \$8.70 and 1976, \$8.54; Class III 1977, \$8.60 and 1976, \$8.44. Fat differential: Class I 1977, 11.5¢ and 1976, 10.3¢; Class II 1977, 11.5¢ and 1976, 10.3¢; Class III 1977, 11.5¢ and 1976, 10.3¢; Blend 1977, 11.5¢ and 1976, 10.3¢. 34/ Little Rock. 35/ Oklahoma City. 36/ Wichita Falls, Texas. 37/ Amarillo. 38/ Monroe and Shreveport. 39/ Zone I (New Orleans). 40/ Zone I (Dallas). Class I prices at other points in the marketing area: Abilene, plus 25 cents; Houston, plus 36 cents; San Antonio, plus 42 cents; and Mercedes, plus 75 cents. 41/ Denver. 42/ Salt Lake City, Utah. 43/ Grand Junction. 44/ Phoenix. 45/ Albuquerque, Santa Fe, and El Paso. 46/ Las Vegas, Nevada. 47/ District I (Seattle). 48/ Spokane, Washington. 49/ Portland. 50/ A weighted average price for milk in excess of Class I needs, calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3. FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B.
MARKET OR OTHER INDICATED POINT, JANUARY - APRIL, AVERAGES 1/

MARKETING AREA	CLASS I *			BLEND *		
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976
DOLLARS PER 100 POUNDS						
NEW ENGLAND						
NEW ENGLAND 2/			0.55-			0.38-
AVERAGE 3/	11.19	11.74	.55-	10.04	10.42	.38-
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	10.85	11.40	.55-	9.47	9.88	.41-
MIDDLE ATLANTIC	10.99	11.55	.56-	9.87	10.45	.58-
AVERAGE 3/	10.91	11.46	.55-	9.62	10.08	.46-
SOUTH ATLANTIC						
TAMPA BAY	11.16	11.72	.56-	11.06	11.55	.49-
SOUTHEASTERN FLORIDA	11.36	11.92	.56-	11.32	11.75	.43-
UPPER FLORIDA	11.06	11.62	.56-	11.09	11.42	.33-
GEORGIA	10.51	11.07	.56-	10.02	10.56	.54-
AVERAGE 3/	10.93	11.49	.56-	10.67	11.15	.48-
EAST NORTH CENTRAL						
EASTERN GROUP						
SOUTHERN MICHIGAN	9.81	10.37	.56-	9.20	9.68	.48-
EASTERN OHIO-WESTERN PA.	10.06	10.62	.56-	9.29	9.74	.45-
OHIO VALLEY	9.91	10.46	.55-	9.28	9.77	.49-
AVERAGE 3/	9.92	10.48	.56-	9.25	9.72	.47-
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	9.57	10.12	.55-	9.02	9.39	.37-
CHICAGO REGIONAL	9.48	10.03	.55-	8.82	9.17	.35-
LSVILLE-LXGTON-EVNSVILLE	9.92	10.26	.34-	9.22	9.59	.37-
INDIANA	9.68	10.23	.55-	9.21	9.62	.41-
SOUTHERN ILLINOIS	9.74	10.30	.56-	9.14	9.61	.47-
CENTRAL ILLINOIS	9.60	10.15	.55-	9.04	9.43	.39-
AVERAGE 3/	9.61	10.14	.53-	8.94	9.31	.37-
WEST NORTH CENTRAL						
NORTHERN GROUP						
UPPER MIDWEST 4/	9.34	9.86	.52-	8.60	9.01	.41-
EASTERN SOUTH DAKOTA	9.61	10.26	.65-	8.98	9.38	.40-
BLACK HILLS	10.16	10.72	.56-	9.28	9.68	.40-
NORTH CENTRAL IOWA	9.46	10.02	.56-	9.22	9.78	.56-
CECAR RAPIDS - IOWA CITY	9.54	10.07	.53-	8.96	9.63	.67-
QUAD CITIES - DUBUQUE	9.54	10.08	.54-	8.85	9.24	.39-
DES MOINES	9.61	10.17	.56-	9.05	9.46	.41-
NEBRASKA - WESTERN IOWA	9.81	10.37	.56-	9.04	9.51	.47-
AVERAGE 3/	9.68	10.24	.56-	9.01	9.47	.46-

CONTINUED

TABLE 3.-FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B.
MARKET OR OTHER INDICATED POINT, JANUARY - APRIL, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I*			BLEND *		
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976
DOLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SCUTHERN GROUP						
ST LOUIS - OZARKS	9.81	10.36	0 .55-	9.17	9.62	0 .45-
GREATER KANSAS CITY	9.96	10.51	.55-	9.17	9.72	.55-
NECSHO VALLEY	9.86	10.42	.56-	9.71	10.16	.45-
WICHITA	10.02	10.56	.54-	9.26	9.70	.44-
AVERAGE 3/	9.87	10.43	.56-	9.18	9.66	.48-
EAST SOUTH CENTRAL						
PACUCAH	9.91	10.46	.55-	9.52	10.20	.68-
NASHVILLE	10.06	10.34	.28-	9.26	9.55	.29-
MEMPHIS	10.15	10.72	.57-	9.88	10.42	.54-
TENNESSEE VALLEY 5/	10.31	10.83	.52-	9.82	10.24	.42-
AVERAGE 2/	10.07	10.50	.43-	9.48	9.89	.41-
WEST SOUTH CENTRAL						
NORTHERN GROUP 6/						
CENTRAL ARKANSAS	10.15	10.70	.55-	9.84	10.44	.60-
OKLAHOMA METROPOLITAN	10.19	10.74	.55-	9.55	9.98	.43-
REC RIVER VALLEY	10.42	10.97	.55-	9.80	10.31	.51-
TEXAS PANHANDLE	10.46	11.01	.55-	9.87	10.52	.65-
LLEBOCK - PLAINVIEW	10.64	11.18	.54-	10.22	10.83	.61-
AVERAGE 2/	10.24	10.80	.56-	9.70	10.20	.50-
SCUTHERN GROUP						
GREATER LOUISIANA	10.68	11.10	.42-	10.24	10.61	.37-
NEW ORLEANS-MISSISSIPPI	11.06	11.50	.44-	10.31	10.41	.10-
TEXAS	10.53	11.09	.56-	9.97	10.43	.46-
AVERAGE 2/	10.53	11.09	.56-	9.97	10.43	.46-
MOUNTAIN						
EASTERN COLORADO	10.51	11.06	.55-	9.97	10.41	.44-
GREAT BASIN	10.11	10.66	.55-	9.37	9.75	.38-
WESTERN COLORADO	10.21	10.77	.56-	9.71	10.13	.42-
CENTRAL ARIZONA	10.73	11.28	.55-	9.83	10.28	.45-
RIC GRANDE VALLEY	10.56	11.11	.55-	10.09	10.60	.51-
LAKE MEAD	9.81	10.36	.55-	9.47	9.86	.39-
AVERAGE 2/	10.45	11.01	.56-	9.77	10.21	.44-
PACIFIC						
PUGET SOUND	10.06	10.61	.55-	9.12	9.39	.27-
INLAND EMPIRE	10.16	10.71	.55-	9.29	9.73	.44-
OREGON - WASHINGTON	10.16	10.71	.55-	9.44	9.79	.35-
AVERAGE 2/	10.12	10.67	.55-	9.27	9.58	.31-
45-MARKET AVERAGE 2/ 6/	10.34	10.88	.54-	9.46	9.90	.44-
ALL-MARKET AVERAGE 6/	10.32	10.86	.54-	9.40	9.86	.46-

* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ For the period January through March 1976 the prices represent weighted averages for the two merged markets.

3/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

4/ For the period January-April 1976, the prices represent weighted averages for the four merged markets.

5/ For the period January-April 1976, the prices represent weighted averages for the three merged markets.

6/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4.—NUMBER OF PRODUCERS DELIVERING MILK TO HANOLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PROOUER, APRIL

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	APRIL 1977	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976	APRIL 1977	APRIL 1976
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
NEW ENGLAND	8,093	234-	423,642	437,283	3.1-	3.65	3.65	1,745	1,750
AVERAGE OR TOTAL 1/	8,093	234-	423,642	437,283	3.1-	3.65	3.65	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	18,990	389-	843,991	854,390	1.2-	3.59	3.63	1,481	1,470
MIDDLE ATLANTIC	8,060	103-	484,249	451,765	7.2	3.70	3.69	2,003	1,845
AVERAGE OR TOTAL 1/	27,050	492-	1,328,240	1,306,155	1.7	3.63	3.65	—	—
SOUTH ATLANTIC									
TAMPA BAY	118	2	51,006	47,935	6.4	3.47	3.35	13,204	12,861
SOUTHEASTERN FLORIDA	75	100-	66,587	70,895	6.1-	3.46	3.34	29,647	13,589
UPPER FLORIDA	167	8-	59,625	59,482	.2	3.33	3.29	12,058	12,366
GEORGIA	1,310	47	135,740	130,491	4.0	3.59	3.57	3,454	3,444
AVERAGE OR TOTAL 1/	1,670	59-	312,958	308,803	1.3	3.49	3.43	—	—
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,897	190-	343,189	330,711	3.8	3.71	3.69	1,659	1,555
EASTERN OHIO-WESTERN PA.	7,428	321-	307,099	304,529	.8	3.69	3.70	1,378	1,310
OHIO VALLEY	6,112	229-	262,782	255,889	2.7	3.69	3.70	1,433	1,345
AVERAGE OR TOTAL 1/	20,437	740-	913,070	891,129	2.5	3.70	3.70	—	—
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	200	39-	6,797	8,240	17.5-	3.70	3.69	1,133	1,149
CHICAGO REGIONAL	16,957	673-	884,586	854,899	3.5	3.73	3.71	1,739	1,616
LSVILLE-LXGTEN-EVNSVILLE	2,303	63-	109,994	108,293	1.6	3.64	3.62	1,592	1,526
INDIANA	3,896	86-	188,961	184,300	2.5	3.75	3.73	1,617	1,543
SOUTHERN ILLINOIS	1,930	217-	92,706	97,029	4.4-	3.67	3.68	1,601	1,506
CENTRAL ILLINOIS	509	30	24,258	20,205	20.0	3.71	3.74	1,589	1,406
AVERAGE OR TOTAL 1/	25,795	1,048-	1,307,302	1,272,966	2.7	3.72	3.70	—	—
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST 2/	13,133	4,326	636,556	398,953	59.6	3.66	3.66	1,616	1,510
EASTERN SOUTH DAKOTA	496	11	27,131	25,332	7.1	3.59	3.56	1,845	1,785
BLACK HILLS	100	3-	5,679	5,957	4.7-	3.59	3.59	2,261	2,168
NORTH CENTRAL ICWA	193	64-	9,468	10,215	7.3-	3.67	3.77	1,734	1,645
CEGAR RAPIDS - IOWA CITY	550	111	25,265	18,046	40.0	3.65	3.72	1,669	1,392
QUAD CITIES - OUBUQUE	885	44	42,372	36,859	15.0	3.63	3.72	1,652	1,538
DES MOINES	1,419	83	66,072	57,722	14.5	3.75	3.77	1,579	1,481
NEBRASKA - WESTERN IOWA	1,647	81-	97,309	94,108	3.4	3.65	3.66	2,052	1,871
AVERAGE OR TOTAL 1/	5,290	101	273,296	248,239	10.1	3.66	3.69	—	—

CONTINUED

TABLE 4.—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, APRIL—CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	APRIL 1977	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976	APRIL 1977	APRIL 1976
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL —CON.									
SOUTHERN GROUP									
ST LOUIS — CZARKS	2,842	122	162,002	145,336	11.5	3.54	3.52	1,900	1,781
GREATER KANSAS CITY	1,712	126-	92,367	92,833	.5-	3.57	3.62	1,844	1,684
NECSHO VALLEY	37	3	495	628	21.2-	3.53	3.43	1,998	1,973
WICHITA	502	21-	32,442	32,366	.2	3.58	3.56	2,344	2,109
AVERAGE OR TOTAL <u>1/</u>	5,093	22-	287,306	271,163	6.0	3.55	3.56	—	—
EAST SOUTH CENTRAL									
PACUCAH	195	25-	10,672	11,105	3.9-	3.69	3.76	1,824	1,683
NASHVILLE	876	28-	55,148	51,874	6.3	3.55	3.59	2,098	1,913
MEMPHIS	409	43-	27,615	24,487	12.8	3.54	3.58	2,572	2,432
TENNESSEE VALLEY <u>2/</u>	1,910	106	106,067	97,868	8.4	3.69	3.67	1,851	1,808
AVERAGE OR TOTAL <u>3/</u>	1,480	96-	93,435	87,466	6.8	3.56	3.61	—	—
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS—FORT SMITH <u>4/</u>	686	42	35,277	31,287	12.8	3.29	3.37	2,293	2,270
OKLAHOMA METROPOLITAN	1,612	122	80,222	74,413	7.8	3.40	3.45	2,206	2,101
RED RIVER VALLEY	242	0	12,407	12,476	.6-	3.34	3.45	2,231	2,028
TEXAS PANHANDLE	173	2	9,600	8,171	17.5	3.35	3.44	2,805	2,928
LEBOCK — PLAINVIEW	124	2	6,860	6,560	4.6	3.44	3.48	5,174	4,223
AVERAGE OR TOTAL <u>1/</u>	2,837	168	144,366	132,907	8.6	3.37	3.43	—	—
SOUTHERN GROUP									
GREATER LOUISIANA	784	25-	58,883	55,858	5.4	3.54	3.58	2,504	2,302
NEW ORLEANS—MISSISSIPPI	1,662	58-	108,499	106,690	1.7	3.52	3.55	2,176	2,068
TEXAS	3,147	168-	303,894	303,711	.1	3.41	3.48	3,219	3,054
AVERAGE OR TOTAL <u>1/</u>	3,147	168-	303,894	303,711	.1	3.41	3.48	—	—
MOUNTAIN									
EASTERN COLORADO	1,009	24-	68,286	69,123	1.2-	3.57	3.57	2,256	2,230
GREAT BASIN	787	12	62,146	62,212	.1-	3.55	3.58	2,632	2,676
WESTERN COLORADO	61	14	7,132	4,612	54.6	3.55	3.60	3,897	3,271
CENTRAL ARIZONA	162	10	77,063	73,898	4.3	3.49	3.52	16,299	16,206
RIC GRANDE VALLEY	169	29-	34,301	34,058	.7	3.41	3.44	8,741	8,462
LAKE MEAD	38	3-	11,575	10,954	5.7	3.41	3.46	10,154	8,906
AVERAGE OR TOTAL <u>1/</u>	2,226	20-	260,503	254,857	2.2	3.51	3.54	—	—
PACIFIC									
PUGET SOUND	1,240	48-	140,685	130,074	8.2	3.67	3.71	3,782	3,366
INLAND EMPIRE	319	7-	23,595	20,785	13.5	3.65	3.70	2,465	2,125
OREGON — WASHINGTON	1,025	3	120,631	110,771	8.9	3.72	3.83	3,923	3,613
AVERAGE OR TOTAL <u>1/</u>	2,584	52-	284,911	261,630	8.9	3.69	3.76	—	—
46-MARKET AVG. OR TOTAL <u>1/</u>	105,702	2,662-	5,932,923	5,776,309	2.7	3.63	3.64	1,871	1,777
ALL-MARKET AVG. OR TOTAL	123,191	1,687	6,842,928	6,435,678	6.3	3.63	3.64	1,852	1,766

1/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

2/ Data for the previous year represent the summation of the four orders merged to form Upper Midwest.

3/ Data for the previous year represent the summation of the three orders merged to form Tennessee Valley.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				% USED IN CL. I		GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I	
	APRIL 1977	APRIL 1976	CHANGE FROM APRIL 1976	PERCENT	APRIL 1977	APRIL 1976	APRIL 1977	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976
	1,000 POUNDS				PERCENT		1,000 LBS	PERCENT		PERCENT
NEW ENGLAND										
NEW ENGLAND	244,967	249,184	1.7-	58	57		244,967	2.2-	173	174
AVERAGE OR TOTAL 1/	244,967	249,184	1.7-	58	57		---	---	---	---
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY	374,752	390,159	3.9-	44	46		374,752	3.9-	225	219
MIDDLE ATLANTIC	268,935	275,157	2.3-	56	61		286,795	1.7-	169	155
AVERAGE OR TOTAL 1/	643,687	665,316	3.2-	48	51		---	---	---	---
SOUTH ATLANTIC										
TAMPA BAY	42,737	40,592	5.3	84	85		43,316	4.7	118	116
SOUTHEASTERN FLORIDA	57,648	59,655	3.4-	86	84		58,725	3.7-	113	116
UPPER FLORIDA	53,051	50,096	5.9	89	84		53,925	4.4	110	115
GEORGIA	98,716	100,743	2.0-	73	77		102,332	.3-	133	127
AVERAGE OR TOTAL 1/	252,152	251,086	.4	80	81		---	---	---	---
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN	185,695	191,768	3.2-	54	58		186,452	2.9-	184	172
EASTERN OHIO-WESTERN PA.	174,689	178,477	2.1-	57	59		174,954	2.3-	176	170
OHIO VALLEY	156,714	161,140	2.7-	60	63		158,626	3.1-	166	156
AVERAGE OR TOTAL 1/	517,098	531,385	2.7-	57	60		---	---	---	---
WESTERN GROUP										
MICHIGAN UPPER PENINSULA	3,885	4,183	7.1-	57	51		4,384	13.8-	155	162
CHICAGO REGIONAL	250,949	260,762	3.8-	28	30		251,538	3.7-	352	327
LSVILLE-LXGTCN-EVNSVILLE	60,377	63,341	4.7-	55	58		60,923	4.9-	180	169
INDIANA	123,894	119,110	4.0	66	65		124,448	4.2	152	154
SOUTHERN ILLINOIS	48,877	53,063	7.9-	53	55		51,005	4.9-	182	181
CENTRAL ILLINOIS	13,946	11,514	21.1	57	57		14,143	11.8	172	160
AVERAGE OR TOTAL 1/	501,928	511,973	2.0-	38	40		---	---	---	---
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST 2/	125,373	118,559	5.7	20	30		126,467	5.7	503	333
EASTERN SOUTH DAKOTA	11,093	11,456	3.2-	41	45		11,277	2.5-	240	219
BLACK HILLS	3,015	2,955	2.0	53	50		3,099	2.2	183	196
NORTH CENTRAL IOWA	7,661	8,196	6.5-	81	80		7,661	6.8-	124	124
CEGAR RAPIDS - IOWA CITY	11,343	11,033	2.8	45	61		11,363	3.0	222	164
QUAD CITIES - OUBUQUE	14,090	15,221	7.4-	33	41		14,297	6.1-	296	242
DES MOINES	27,939	27,561	1.4	42	48		27,940	1.2	236	209
NEBRASKA - WESTERN IOWA	46,338	47,181	1.8-	48	50		46,574	1.6-	209	199
AVERAGE OR TOTAL 1/	121,479	123,603	1.7-	44	50		---	---	---	---

CONTINUED

TABLE 5.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, APRIL -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I	
	APRIL 1977	APRIL 1976	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976	APRIL 1977	CHANGE FROM APRIL 1976	APRIL 1977	APRIL 1976
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - CZARKS	100,671	94,248	6.8	62	65	105,262	6.2	154	147
GREATER KANSAS CITY	42,032	50,014	16.0-	46	54	42,581	18.1-	217	178
NECSHO VALLEY	462	540	14.4-	93	86	497	8.5-	100	116
WICHITA	16,904	17,048	.8-	52	53	17,187	.7	189	190
AVERAGE OR TOTAL ^{1/}	160,069	161,850	1.1-	56	60	---	---	---	---
EAST SOUTH CENTRAL									
PACUHA									
NASHVILLE	8,411	9,277	9.3-	79	84	8,415	14.7-	127	112
MEMPHIS	25,856	26,596	2.8-	47	51	25,867	7.1-	213	186
TENNESSEE VALLEY ^{3/}	22,764	20,920	8.8	82	85	25,833	4.8	107	99
AVERAGE OR TOTAL ^{1/}	74,073	67,631	9.5	70	69	74,215	9.0	143	144
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS -PORT SMITH ^{4/}	26,331	27,784	5.2-	75	89	27,966	3.8-	126	108
OKLAHOMA METROPOLITAN	44,706	42,366	5.5	56	57	45,677	3.6	176	169
REC RIVER VALLEY	7,985	8,477	5.8-	64	68	8,116	4.3-	153	147
TEXAS PANHANDLE	6,262	6,178	1.4	65	76	6,262	1.4	153	132
LLIBOCK - PLAINVIEW	5,335	5,692	6.3-	78	87	5,355	5.9-	128	115
AVERAGE OR TOTAL ^{1/}	90,619	90,497	.1	63	68	---	---	---	---
SOUTHERN GROUP									
GREATER LOUISIANA	46,615	44,129	5.6	79	79	46,868	4.7	126	125
NEW ORLEANS-MISSISSIPPI	66,931	67,112	.3-	62	63	68,649	2.1	158	159
TEXAS	210,303	211,364	.5-	69	70	215,905	1.2	141	142
AVERAGE OR TOTAL ^{1/}	210,303	211,364	.5-	69	70	---	---	---	---
MOUNTAIN									
EASTERN COLORADO									
GREAT BASIN	49,327	50,185	1.7-	72	73	52,627	2.7-	130	128
WESTERN COLORADO	33,861	34,380	1.5-	54	55	35,151	.8-	177	176
CENTRAL ARIZONA	3,797	3,155	20.3	53	68	4,034	24.8	177	143
RIC GRANDE VALLEY	44,234	44,231	0	57	60	44,234	0	174	167
LAKE MEAD	26,971	27,347	1.4-	79	80	27,160	1.5-	126	124
AVERAGE OR TOTAL ^{1/}	7,434	7,039	5.6	64	64	7,552	6.7	153	155
PACIFIC									
PIGET SOUND									
INLAND EMPIRE	56,421	53,574	5.3	40	41	59,557	4.5	236	228
OREGON - WASHINGTON	11,289	11,556	2.3-	48	56	11,320	3.4-	208	177
AVERAGE OR TOTAL ^{1/}	64,205	64,675	.7-	53	58	68,567	.4-	176	161
46-MARKET AVG. OR TOTAL ^{1/}									
ALL-MARKET AVG. OR TOTAL	3,096,872	3,149,193	1.7-	52	54	---	---	---	---
	3,409,864	3,446,624	1.1-	50	54	---	---	---	---

^{1/} Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

^{2/} Data for the previous year represent the summation of the four orders merged to form Upper Midwest.

^{3/} Data for the previous year represent the summation of the three orders merged to form Tennessee Valley.

^{4/} The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, April and year to date with comparisons 1/

Marketing area	: Producer Deliveries : % Used				:: Producer Deliveries : % Used			
	: used in Class II :		: in Cl. II :		:: used in Class II ::		: in Cl. II :	
	: April :	: April :	: Apr. :	: Apr. :	:: Cum.* :	:: Cum.* :	: Cum.* :	: Cum.* :
	: 1977 :	: 1976 :	: 1977 :	: 1976 :	:: 1977 :	:: 1976 :	: 1977 :	: 1976 :
	: 1,000 lb. :		: Percent :		:: 1,000 lb. ::		: Percent :	
SOUTH ATLANTIC								
Georgia	: 9,180 :	: 8,613 :	: 6.8 :	: 6.6 :	:: 34,246 :	: 31,581 :	: 6.5 :	: 6.1 :
EAST NORTH CENTRAL								
Eastern Group								
Southern Michigan	: 22,778 :	: 24,927 :	: 6.6 :	: 7.5 :	:: 91,598 :	: 95,275 :	: 6.8 :	: 7.3 :
Eastern Ohio-Western Pa.	: 18,607 :	: 19,522 :	: 6.1 :	: 6.4 :	:: 71,545 :	: 74,476 :	: 6.2 :	: 6.4 :
Ohio Valley	: 21,817 :	: 22,379 :	: 8.3 :	: 8.7 :	:: 83,639 :	: 81,787 :	: 8.4 :	: 8.5 :
Western Group								
Chicago Regional	: 92,167 :	: 99,209 :	: 10.4 :	: 11.6 :	:: 372,923 :	: 370,592 :	: 11.1 :	: 11.4 :
Louis-Lex.-Evans.	: 6,005 :	: 5,873 :	: 5.5 :	: 5.4 :	:: 20,712 :	: 21,050 :	: 5.2 :	: 5.2 :
Indiana	: 24,214 :	: 28,031 :	: 12.8 :	: 15.2 :	:: 92,400 :	: 102,857 :	: 12.8 :	: 14.5 :
Southern Illinois	: 10,364 :	: 11,031 :	: 11.2 :	: 11.4 :	:: 37,675 :	: 42,697 :	: 9.9 :	: 11.6 :
Central Illinois	: 1,556 :	: 1,354 :	: 6.4 :	: 6.7 :	:: 4,703 :	: 5,943 :	: 5.3 :	: 7.5 :
WEST NORTH CENTRAL								
Northern Group								
Upper Midwest 2/	: 21,292 :	: 20,831 :	: 3.3 :	: 5.2 :	:: 91,270 :	: 80,289 :	: 3.7 :	: 5.2 :
Eastern South Dakota	: 2,731 :	: 2,804 :	: 10.1 :	: 11.1 :	:: 12,299 :	: 11,840 :	: 12.2 :	: 12.4 :
North Central Iowa	: 1,550 :	: 1,685 :	: 16.4 :	: 16.5 :	:: 6,196 :	: 5,491 :	: 15.8 :	: 13.7 :
Cedar Rapids-Iowa City	: 123 :	: 141 :	: .5 :	: .8 :	:: 457 :	: 475 :	: .5 :	: .8 :
Quad Cities-Dubuque	: 3,711 :	: 4,059 :	: 8.8 :	: 11.0 :	:: 13,753 :	: 13,874 :	: 8.9 :	: 10.0 :
Des Moines	: 4,965 :	: 4,718 :	: 7.5 :	: 8.2 :	:: 18,349 :	: 17,346 :	: 7.4 :	: 7.9 :
Nebraska-Western Iowa	: 10,383 :	: 10,643 :	: 10.7 :	: 11.3 :	:: 38,908 :	: 41,969 :	: 10.1 :	: 11.6 :
Southern Group								
St. Louis-Ozarks	: 20,317 :	: 21,431 :	: 12.5 :	: 14.7 :	:: 72,139 :	: 69,395 :	: 12.0 :	: 12.6 :
Greater Kansas City	: 12,644 :	: 16,267 :	: 13.7 :	: 17.5 :	:: 50,912 :	: 59,575 :	: 14.7 :	: 17.1 :
Neosho Valley	: 8 :	: 17 :	: 1.6 :	: 2.7 :	:: 46 :	: 49 :	: 2.1 :	: 1.9 :
Wichita	: 2,096 :	: 2,252 :	: 6.5 :	: 7.0 :	:: 10,148 :	: 8,870 :	: 8.2 :	: 7.6 :

Continued

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, April and year to date with comparisons 1/ -Con.

Marketing area	: Producer Deliveries		: % Used		: Producer Deliveries		: % Used	
	: used in Class II		: in Cl. II		: used in Class II		: in Cl. II	
	: April	: April	: Apr.	: Apr.	: Cum.*	: Cum.*	: Cum.*	: Cum.*
	: 1977	: 1976	: 1977	: 1976	: 1977	: 1976	: 1977	: 1976
	: 1,000 lb.		: Percent		: 1,000 lb.		: Percent	
EAST SOUTH CENTRAL								
Paducah	: 1,024	: 1,308	: 9.6	: 11.8	: 4,259	: 4,851	: 10.4	: 11.7
Nashville	: 1,984	: 2,177	: 3.6	: 4.2	: 7,061	: 8,311	: 3.5	: 4.2
Memphis	: 2,991	: 2,586	: 10.8	: 10.6	: 10,772	: 9,058	: 10.1	: 8.8
Tennessee Valley 3/	: 9,154	: 2,460	: 8.6	: 7.8	: 37,001	: 9,589	: 9.5	: 7.8
WEST SOUTH CENTRAL								
Northern Group								
Central Arkansas-								
Fort Smith 4/	: 1,935	: 1,299	: 5.5	: 4.2	: 6,886	: 5,247	: 5.5	: 4.3
Oklahoma Metropolitan	: 9,313	: 9,025	: 11.6	: 12.1	: 33,778	: 32,662	: 12.1	: 12.5
Red River Valley	: 1,675	: 1,771	: 13.5	: 14.2	: 6,387	: 5,816	: 12.6	: 12.1
Texas Panhandle	: 646	: 705	: 6.7	: 8.6	: 2,454	: 2,687	: 7.2	: 9.2
Lubbock-Plainview	: 191	: 322	: 2.8	: 4.9	: 709	: 1,101	: 2.7	: 4.3
Southern Group								
Greater Louisiana	: 2,770	: 3,158	: 4.7	: 5.7	: 9,900	: 5,967	: 4.6	: 5.0
New Orleans-Mississippi	: 9,730	: 9,679	: 9.0	: 9.1	: 35,854	: 20,977	: 9.3	: 7.8
Texas	: 32,880	: 34,955	: 10.8	: 11.5	: 126,920	: 132,266	: 11.1	: 11.3
MOUNTAIN								
Eastern Colorado	: 7,144	: 7,653	: 10.5	: 11.1	: 28,177	: 27,203	: 10.5	: 10.1
Great Basin	: 4,131	: 4,025	: 6.6	: 6.5	: 16,083	: 16,405	: 6.6	: 7.0
Western Colorado	: 0	: 126	: 0	: 2.7	: 0	: 415	: 0	: 2.3
Central Arizona	: 9,346	: 9,992	: 12.1	: 13.5	: 38,692	: 38,446	: 13.5	: 13.5
Rio Grande Valley	: 4,261	: 4,156	: 12.4	: 12.2	: 17,453	: 16,703	: 12.7	: 12.3
Lake Mead	: 674	: 602	: 5.8	: 5.5	: 2,500	: 2,159	: 5.7	: 5.2
PACIFIC								
Puget Sound	: 17,513	: 17,392	: 12.4	: 13.4	: 71,134	: 71,289	: 13.4	: 14.3
Inland Empire	: 2,445	: 2,355	: 10.4	: 11.3	: 8,952	: 8,741	: 10.3	: 11.1
Oregon-Washington	: 15,318	: 13,708	: 12.7	: 12.4	: 52,887	: 54,136	: 12.0	: 13.0

* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The monthly data for the previous year represent the summation of the four orders merged to form Upper Midwest.

3/ The monthly and cumulative data for the previous year represent Chattanooga. Appalachian and Knoxville had only two classes.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 7.—PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I

JANUARY - APRIL								
MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976	1977	1976
NEW ENGLAND								
NEW ENGLAND	1,626,930	1,683,731	2.6-	988,243	1,005,862	1.0-	61	60
TOTAL 1/	1,626,930	1,683,731	2.6-	988,243	1,005,862	1.0-	61	60
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	3,148,294	3,207,277	1.0-	1,522,581	1,580,517	2.9-	48	49
MIDDLE ATLANTIC	1,859,935	1,745,806	7.4	1,105,387	1,124,261	.9-	59	64
TOTAL 1/	5,008,229	4,953,083	1.9	2,627,968	2,704,778	1.8-	52	55
SOUTH ATLANTIC								
TAMPA BAY	200,688	189,583	6.7	174,268	166,997	5.2	87	88
SOUTHEASTERN FLORIDA	260,588	277,103	5.2-	234,513	244,925	3.4-	90	88
UPPER FLORIDA	235,107	231,707	2.3	214,488	201,528	7.3	91	87
GEORGIA	527,837	516,042	3.1	402,596	409,981	1.0-	76	79
TOTAL 1/	1,224,220	1,214,435	1.6	1,025,865	1,023,431	4.1	84	84
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	1,338,694	1,301,758	3.7	759,663	792,238	3.3-	57	61
EASTERN OHIO-WESTERN PA.	1,148,952	1,154,699	.3	711,786	731,067	1.8-	62	63
OHIO VALLEY	996,898	963,512	4.3	626,554	638,302	1.0-	63	66
TOTAL 1/	3,484,544	3,419,969	2.7	2,098,003	2,161,607	.4-	60	63
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	27,784	31,541	11.2-	16,578	17,416	4.0-	60	55
CHICAGO REGIONAL	3,360,439	3,258,977	4.0	1,028,177	1,071,665	3.3-	30	33
LSVILLE-LXGTEN-EVNSVILLE	400,370	401,010	.6	248,752	269,347	6.9-	62	67
INDIANA	722,340	711,709	2.3	490,118	473,514	4.3	68	66
SOUTHERN ILLINOIS	379,281	368,850	3.7	198,624	214,497	6.6-	52	58
CENTRAL ILLINOIS	88,512	79,145	12.7	53,881	46,519	16.7	61	59
TOTAL 1/	4,978,726	4,851,232	3.5	2,036,130	2,092,958	.7	41	43
WEST NORTH CENTRAL								
NORTHERN GROUP								
UPPER MIDWEST 2/	2,436,645	1,531,691	60.4	518,357	484,562	7.8	21	32
EASTERN SOUTH DAKOTA	100,603	95,609	6.1	44,971	45,719	.8-	45	48
BLACK HILLS	22,255	21,750	3.1	11,880	12,255	2.3-	53	56
NORTH CENTRAL ICWA	39,302	40,034	1.0-	31,244	33,319	5.5-	79	83
CECAR RAPIDS - IOWA CITY	90,921	59,097	54.9	44,867	40,287	12.1	49	68
QUAD CITIES - DUBUQUE	154,221	139,382	11.6	57,902	58,437	.1-	38	42
DES MOINES	246,976	219,613	13.4	112,643	111,697	1.7	46	51
NEBRASKA - WESTERN IOWA	383,750	360,984	7.2	188,889	193,012	1.4-	49	53
TOTAL 1/	1,038,028	936,469	11.7	492,396	494,726	17.5	47	53

CONTINUED

TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - APRIL -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976	1977	1976
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	PERCENT	PERCENT
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - CZARKS	599,608	551,515	9.6	407,139	376,767	8.9	68	68
GREATER KANSAS CITY	346,430	348,315	.3	174,551	203,293	13.4-	50	58
NECSHO VALLEY	2,154	2,591	16.2-	1,961	2,289	13.6-	91	88
WICHITA	123,756	116,930	6.7	68,988	68,282	1.9	56	58
TOTAL 1/	1,071,948	1,019,351	6.0	652,639	650,631	14.6	61	64
EAST SOUTH CENTRAL								
SOUTHERN GROUP								
PAUCAH	40,861	41,345	.4-	33,332	35,379	5.0-	82	86
NASHVILLE	202,535	195,876	4.2	107,524	107,343	.9	53	55
MEMPHIS	106,761	103,208	4.3	90,749	90,338	1.3	85	88
TENNESSEE VALLEY 2/	391,006	367,165	7.4	285,482	276,646	4.0	73	75
TOTAL 1/	350,157	340,429	3.7	231,605	233,060	54.2	66	68
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS -FORT SMITH 4/	124,134	121,082	3.4	105,143	108,642	2.4-	85	90
OKLAHOMA METROPOLITAN	279,827	261,107	8.0	179,903	170,474	6.4	64	65
RED RIVER VALLEY	50,806	48,162	6.3	35,109	35,168	.6	69	73
TEXAS PANHANDLE	33,891	29,355	16.4	24,926	24,223	3.7	74	82
LLRBOCK - PLAINVIEW	26,301	25,490	4.0	21,979	22,389	1.0-	84	88
TOTAL 1/	514,959	485,196	7.0	367,060	360,896	33.4	71	74
SOUTHERN GROUP								
GREATER LOUISIANA	217,147	118,921	83.6	178,002	97,525	83.6	82	82
NEW ORLEANS-MISSISSIPPI	386,284	269,775	44.1	269,093	164,103	65.0	70	61
TEXAS	1,139,377	1,166,776	1.6-	853,851	867,837	.8-	75	74
TOTAL 1/	1,139,377	1,166,776	1.6-	853,851	867,837	10.1	75	74
MOUNTAIN								
EASTERN COLORADO								
GREAT BASIN	268,657	268,802	.8	197,378	200,741	.9-	73	75
WESTERN COLORADO	242,425	234,082	4.4	136,765	133,982	2.9	56	57
CENTRAL ARIZONA	25,803	18,039	44.2	18,155	13,393	36.6	70	74
RIC GRANDE VALLEY	286,997	283,895	1.9	177,451	178,327	.3	62	63
LAKE MEAD	137,732	136,072	2.0	109,883	109,968	.7	80	81
TOTAL 1/	43,793	41,871	5.4	30,464	28,000	9.7	70	67
TOTAL 1/	1,005,407	982,761	3.1	670,096	664,411	18.3	67	68
PACIFIC								
PUGET SOUND								
INLAND EMPIRE	530,610	499,503	7.1	224,723	212,742	6.5	42	42
OREGON - WASHINGTON	87,068	78,830	11.4	45,221	46,767	2.5-	52	59
TOTAL 1/	441,534	416,667	6.8	255,683	252,631	2.0	58	61
TOTAL 1/	1,059,212	995,000	7.3	525,627	512,140	28.1	50	51
46-MARKET TOTAL 1/	22,501,737	22,048,432	2.9	12,569,483	12,772,337	.8-	56	58
ALL-MARKET TOTAL	25,932,819	24,335,984	7.4	13,820,417	13,795,173	1.0	53	57

1/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

2/ For the period January-April 1976, the data represent the summation of the four orders merged to form Upper Midwest.

3/ For the period January-April 1976, the data represent the summation of the three orders merged to form Tennessee Valley.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 8.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MARCH 1977 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	MARCH 1977		CHANGE 1977 FROM 1976		MARCH 1977		CHANGE 1977 FROM 1976		MARCH 1977		CHANGE 1977 FROM 1976	
	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE 4/
	MIL. LB.	PERCENT			MIL. LB.	PERCENT			MIL. LB.	PERCENT		
NEW ENGLAND	205.2	3.39	- 5.1	- 4.1	51.9	0.96	15.5	16.1	257.1	2.90	- 1.5	- 0.8
NEW ENGLAND 5/	205.2	3.39	- 5.1	- 4.1	51.9	.96	15.5	16.1	257.1	2.90	- 1.5	- .8
MIDDLE ATLANTIC	188.2	3.32	- 4.9	- 4.9	73.9	1.25	8.7	8.7	262.1	2.73	- 1.4	- 1.5
MIDDLE ATLANTIC 6/	188.2	3.32	- 4.9	- 4.9	73.9	1.25	8.7	8.7	262.1	2.73	- 1.4	- 1.5
SOUTH ATLANTIC	178.0	3.30	- 4.6	- 5.0	82.2	1.25	19.9	18.7	260.1	2.65	2.0	1.3
TAMPA BAY	36.2	3.30	- .2	- .8	14.5	1.11	17.9	17.3	50.7	2.67	4.4	3.6
SOUTHEASTERN FLORIDA	45.0	3.33	- 9.4	- 9.2	18.9	1.32	47.0	42.9	63.9	2.74	2.1	1.3
UPPER FLORIDA	40.0	3.27	- 6.3	- 5.9	14.5	1.19	23.3	24.5	54.4	2.72	.1	.5
GEORGIA	56.8	3.30	- 1.9	- 3.3	34.4	1.29	8.5	7.5	91.1	2.54	1.8	.5
EAST NORTH CENTRAL	653.0	3.28	- 5.4	- 4.8	411.0	1.54	6.1	5.5	1,064.0	2.61	- 1.3	- 1.1
EASTERN GROUP												
SOUTHERN MICHIGAN	130.0	3.26	- 3.1	- 2.2	65.7	.96	5.8	5.2	195.7	2.48	- .3	.2
E. OHIO - W. PA.	136.7	3.29	- 5.9	- 6.0	52.7	1.67	6.3	7.8	189.5	2.83	- 2.8	- 2.6
OHIO VALLEY	113.7	3.26	- 6.4	- 5.9	66.2	1.65	6.9	9.3	180.0	2.67	- 1.9	- .7
WESTERN GROUP												
MICH. UPPER PENINSULA	4.8	3.35	- 17.0	- 10.7	3.6	1.69	21.7	11.6	8.3	2.64	- 3.9	- 2.5
CHICAGO REGIONAL	146.6	3.31	- 6.7	- 6.4	109.1	1.58	6.8	5.9	255.8	2.57	- 1.4	- 1.6
LOUIS. - LFX. - EVANS	32.6	3.29	- 4.0	- 4.4	26.8	1.72	4.4	2.7	59.4	2.58	- .4	- 1.3
INDIANA	53.7	3.30	- 5.3	- 1.9	53.8	1.70	4.0	1.0	107.5	2.50	- .9	- .5
SOUTHERN ILLINOIS	23.6	3.24	- 3.2	- 2.0	21.7	1.72	2.5	1.9	45.3	2.51	- .5	- .2
CENTRAL ILLINOIS	11.4	3.27	- 2.9	- 5.3	11.3	1.64	14.8	6.1	22.6	2.46	5.1	- .1
WEST NORTH CENTRAL	162.4	3.29	- 6.4	- 5.5	206.5	1.53	2.6	2.6	368.9	2.31	- 1.6	- 1.2
NORTHERN GROUP												
UPPER MIDWEST 7/	38.6	3.28	- 5.0	- 4.7	86.8	1.48	2.0	1.6	125.4	2.04	- .3	- .4
EASTERN SOUTH DAKOTA 8/	3.6	3.29	- 2.8	- 2.9	5.7	1.77	8.4	8.7	9.4	2.36	3.8	3.8
BLACK HILLS	1.2	3.34	- 9.6	- 4.9	1.6	1.97	5.9	5.2	2.8	2.56	- 1.3	.5
NORTH CENTRAL IOWA	5.0	3.36	- 7.5	- 5.5	9.6	1.67	4.5	7.2	14.6	2.25	.1	2.5
CEDAR RAPIDS-IOWA CITY	1.5	3.30	- 5.0	- 5.9	2.7	1.47	- 6.1	- 6.1	4.2	2.13	- 5.7	- 6.0
QUAD CITIES - DUBUQUE	7.3	3.30	- 13.0	- 11.9	7.7	1.64	.8	2.2	15.0	2.45	- 6.4	- 5.2
DES MOINES	7.4	3.51	- 2.4	- 1.6	12.5	1.66	2.8	3.9	19.8	2.35	.8	1.8
NEBRASKA - WESTERN IOWA	23.3	3.31	- 5.5	- 5.0	22.3	1.57	4.2	5.8	45.5	2.46	- 1.0	0

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TABLE 8.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MARCH 1977 WITH COMPARISONS 1/—CON.

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	MARCH 1977		CHANGE 1977 FROM 1976		MARCH 1977		CHANGE 1977 FROM 1976		MARCH 1977		CHANGE 1977 FROM 1976	
	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE 4/
	MIL. LB.	PERCENT			MIL. LB.	PERCENT			MIL. LB.	PERCENT		
WEST NORTH CENTRAL—CON.												
SOUTHERN GROUP												
ST. LOUIS — OZARKS	33.5	3.24	- 10.6	- 8.3	27.2	1.48	- 1.5	- 2.4	60.7	2.45	- 6.8	- 5.8
GREATER KANSAS CITY	26.1	3.28	- 3.3	- 3.9	21.5	1.51	3.9	2.4	47.6	2.48	- .1	- 1.2
NEOSHO VALLEY	4.6	3.35	- 3.6	2.8	2.4	1.34	19.8	26.1	7.0	2.66	3.3	9.5
WICHITA	10.3	3.22	- 6.3	- 6.4	6.6	1.54	11.2	10.7	16.9	2.56	- .2	- .4
EAST SOUTH CENTRAL	78.1	3.31	- 1.1	- 2.0	46.9	1.49	2.3	2.1	125.0	2.63	.2	- .5
PAOUCAH	5.2	3.25	- 6.0	- 3.3	2.4	1.34	7.7	6.2	7.6	2.64	- 2.0	- .5
NASHVILLE	22.5	3.28	- 2.7	- 3.1	11.2	1.45	6.5	5.7	33.6	2.67	.2	- .4
MEMPHIS	13.9	3.38	- 2.9	- 3.7	7.0	1.17	7.6	11.5	20.9	2.65	.4	1.2
TENNESSEE VALLEY 9/	36.5	3.32	1.4	- .5	26.4	1.60	- 1.1	- 2.0	62.9	2.60	.3	- 1.1
WEST SOUTH CENTRAL 10/	264.4	3.42	.8	.7	82.6	1.34	4.1	2.8	347.0	2.93	1.6	1.2
NORTHERN GROUP												
CENTRAL ARKANSAS	13.6	3.64	- 3.0	0	6.0	1.60	- 6.0	6.4	19.6	3.01	- .4	1.9
FORT SMITH	1.6	3.39	- 24.5	- 25.2	.6	1.25	- 7.0	- 9.6	2.2	2.80	- 20.3	- 21.6
OKLAHOMA METROPOLITAN	26.6	3.31	- 1.6	1.9	8.9	1.36	16.9	19.6	35.6	2.82	2.5	5.8
RFO RIVER VALLEY	10.3	3.34	- 1.5	- 1.0	1.9	1.20	- 2.4	1.5	12.2	3.01	- 1.7	- .6
TEXAS PANHANDLE	6.1	3.39	- 3.4	- 6.7	1.4	1.53	6.5	5.3	7.5	3.05	- 1.7	- 4.8
LUBBOCK — PLAINVIEW	5.1	3.39	- 5.3	- 5.3	1.2	1.44	3.7	2.6	6.3	3.02	- 3.8	- 4.0
SOUTHERN GROUP												
GREATER LOUISIANA 8/	40.7	3.55	11.3	4.1	10.1	1.65	10.7	3.8	50.8	3.17	11.2	4.0
NEW ORLEANS—MISSISSIPPI 8/	54.2	3.58	151.8	43.7	12.3	1.36	283.0	56.0	66.5	3.17	168.8	45.8
TEXAS	160.4	3.40	0	.8	52.4	1.25	1.1	0	212.8	2.87	.3	.6
MOUNTAIN	105.3	3.39	- 1.5	- 1.6	75.3	1.69	11.1	10.2	180.7	2.68	3.3	3.0
EASTERN COLORADO	25.8	3.33	- 3.7	- 4.0	23.8	1.77	7.9	6.4	49.6	2.58	1.5	.7
GREAT BASIN	14.3	3.28	3.3	4.0	21.9	1.88	5.2	6.5	36.2	2.43	4.5	5.5
WESTERN COLORADO	2.2	3.30	4.2	11.0	1.5	1.84	25.1	24.3	3.8	2.72	11.7	15.8
CENTRAL ARIZONA	30.3	3.51	- 1.4	- 3.5	17.7	1.42	16.8	14.6	48.0	2.74	4.7	2.5
RIO GRANDE VALLEY	26.0	3.35	- 3.7	- 1.6	6.5	1.43	22.1	19.8	32.6	2.96	.6	1.9
LAKE MEAD	6.7	3.49	2.9	1.0	3.8	1.66	20.5	19.9	10.5	2.83	8.6	7.1
PACIFIC	56.6	3.36	- 2.1	- 2.4	78.0	1.82	6.6	6.3	134.6	2.47	2.8	2.4
PUGET SOUND	22.2	3.34	- 4.0	- 4.7	31.9	1.95	6.7	6.3	54.1	2.46	2.0	1.5
INLAND EMPIRE	4.1	3.33	.2	2.1	8.3	1.76	5.0	3.3	12.4	2.28	3.4	1.4
OREGON — WASHINGTON	30.4	3.38	- .9	- .7	37.8	1.81	6.9	7.0	68.2	2.51	3.3	3.4
COMBINED AREAS (48) 10/	1,891.3	3.33	- 4.0	- 3.8	1,108.4	1.48	7.0	6.4	2,999.7	2.65	- .2	- .3
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 10/ 11/	1,875.7	—	- 4.0	- 3.5	1,106.5	—	7.4	7.0	2,978.8	—	- .2	.1
NEW YORK — NEW JERSEY 12/	—	—	—	—	—	—	—	—	431.4	—	- 2.0	- 2.4

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

6/ Sales represent the marketing area after the expansion of June 1, 1975.

7/ Represent combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, after the merger and expansion of June 1, 1976. Some data are estimated.

8/ Sales represent the marketing area after the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Some data are estimated.

9/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, after the merger and expansion of October 1, 1976. Some data are estimated.

10/ Excludes New Orleans-Mississippi.

11/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMS-196, April 1976.

12/ Small amount of sales estimated.

Table 9.—Packaged sales of individual whole milk items, lowfat and skim milk items, in 48 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/

Item	January				February				March				April			
	Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977	
	Sales	from 1976	Sales	from 1976	Sales	from 1976	Sales	from 1976	Sales	from 1976	Sales	from 1976	Sales	from 1976	Sales	from 1976
	Jan.	Year	Jan.	Year	Jan.	Year	Jan.	Year	Jan.	Year	Jan.	Year	Jan.	Year	Jan.	Year
	to	date	to	date	to	date	to	date	to	date	to	date	to	date	to	date
	Percent		Percent		Percent		Percent		Percent		Percent		Percent		Percent	
	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
Whole milk	1,806.9	- 6.1	- 6.1	1,617.7	- 0.4	- 3.5	1,797.9	- 4.2	- 3.7							
Flavored whole milk	76.6	-11.1	-11.1	78.3	- 2.3	- 6.9	93.4	- 1.0	- 4.7							
Total whole milk items	1,883.5	- 6.3	- 6.3	1,696.0	- .5	- 3.6	1,891.3	- 4.0	- 3.8							
Lowfat (2%) milk																
Plain	540.7	10.8	10.8	492.9	17.3	13.8	543.1	8.7	12.0							
Solids added	267.9	- 9.3	- 9.3	237.1	- 4.9	- 7.3	273.9	3.5	- 3.8							
Skim milk																
Plain	62.5	7.9	7.9	59.7	19.8	13.4	65.0	9.9	12.2							
Solids added	69.8	- 7.9	- 7.9	65.2	- 5.1	- 6.5	76.1	- 5.5	- 6.2							
Flavored milk drinks	76.8	14.1	14.1	80.1	29.2	21.4	95.1	24.0	22.3							
Buttermilk	53.5	- 1.7	- 1.7	48.8	2.4	.2	55.2	.8	- .1							
Total lowfat and skim milk items	1,071.2	3.1	3.1	983.6	9.6	6.1	1,108.4	7.0	6.4							
Total	2,954.7	- 3.1	- 3.1	2,679.6	3.0	- .3	2,999.7	- .2	- .3							
Total adjusted for calendar composition 2/	3,003.3	.7	.7	2,679.6	- .3	.2	2,978.8	- .2	.1							

1/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

2/ Figures are adjusted to eliminate variations due to calendar composition. See special article in Federal Milk Order Market Statistics - 196, April 1976.

3/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

TABLE 10.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MARCH 1977, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	BF. CON- TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	BF. CON- TENT	CHANGE 1977 FROM 1976 7/	PERCENT	MIL. LB.	SALES	BF. CON- TENT	CHANGE 1977 FROM 1976 7/
NEW ENGLAND	206	3.39	- 5.1	53	.97	14.8	2.3	10.8	- 5.7	4.3	22.4	- 12.0	268	3.27	- 1.4					
MIDDLE ATLANTIC	204	3.30	- 4.8	82	1.24	9.5	2.0	11.0	- 10.2	1.6	18.8	- 45.3	294	2.84	- 1.0					
SOUTH ATLANTIC	189	3.31	- 2.3	82	1.25	21.7	2.5	10.7	4.2	1.4	23.3	- 2.5	276	2.86	4.2					
EAST NORTH CENTRAL	657	3.28	- 6.8	416	1.54	4.1	9.9	11.1	- 3.2	9.5	18.0	- 3.7	1,096	2.81	- 2.8					
WEST NORTH CENTRAL	197	3.28	- 3.7	236	1.54	5.2	4.7	11.0	- 1.5	4.2	22.5	8.0	443	2.61	.4					
EAST SOUTH CENTRAL	85	3.31	- 6.5	47	1.46	3.4	1.1	11.1	8.4	0.9	22.6	19.4	135	2.85	- 3.2					
WEST SOUTH CENTRAL	340	3.43	- 1.4	99	1.34	3.2	2.7	11.3	0	2.8	21.2	7.7	446	3.12	- .2					
MOUNTAIN	100	3.38	- 1.3	75	1.68	10.4	1.9	11.4	1.6	1.9	21.9	5.2	182	2.94	3.4					
PACIFIC	57	3.34	- .4	77	1.81	8.4	1.8	11.2	2.0	1.3	25.2	8.0	139	2.77	4.6					
TOTAL OF REGIONS	2,036	3.33	- 4.5	1,166	1.43	7.1	29.8	11.1	- 1.9	27.9	20.7	- 6.0	3,281	2.88	- .6					

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM DIPS.

6/ INCLUDES YOGURT AND ECGNOC.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. AS A RESULT, WEST NORTH CENTRAL EXCLUDES THE UPPER MIDWEST MARKET, EAST SOUTH CENTRAL EXCLUDES THE TENNESSEE VALLEY MARKET, AND WEST SOUTH CENTRAL EXCLUDES THE GREATER LOUISIANA AND NEW ORLEANS-MISSISSIPPI MARKETS. THESE MARKETS ALSO ARE EXCLUDED FROM THE TOTAL PERCENTAGE CHANGE.

Table 11.—Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, for those markets where comparable data are available, January 1977 to date, with comparisons 1/

Item	January					February					March					April				
	: Change in sales :					: Change in sales :					: Change in sales :					: Change in sales :				
	: 1977/1976 2/ :					: 1977/1976 2/ :					: 1977/1976 2/ :					: 1977/1976 2/ :				
	Sales	Bf. con-	tent	Month	to date	Sales	Bf. con-	tent	Month	to date	Sales	Bf. con-	tent	Month	to date	Sales	Bf. con-	tent	Month	to date
	lb.				Percent	lb.				Percent	lb.				Percent	lb.				Percent
	1,000					1,000					1,000					1,000				
Milk and cream mixtures	24,852	11.1	-2.9	-2.9	3.5	24,170	11.1	11.1	3.5	0.2	26,617	11.1	11.1	-1.9	-0.6					
Light cream	4,144	17.8	-28.4	-28.4	-32.5	3,453	18.2	18.2	-32.5	-30.3	4,511	18.2	18.2	-26.1	-28.8					
Heavy cream	4,360	35.3	-12.2	-12.2	-2	4,424	34.9	34.9	-2	-6.5	5,144	34.3	34.3	-18.2	-11.2					
Sour cream	13,163	17.0	.3	.3	7.1	13,605	16.8	16.8	7.1	3.6	15,996	16.8	16.8	7.5	5.0					
Total cream items	21,667	20.8	-9.3	-9.3	-3.4	21,482	20.8	20.8	-3.4	-6.5	25,652	20.6	20.6	-6.0	-6.3					
Yogurt	13,822	1.9	9.3	9.3	12.1	15,219	1.8	1.8	12.1	10.7	20,952	1.7	1.7	24.4	16.1					
Eggnog	117	7.1	—	—	—	20	5.6	5.6	—	—	443	6.3	6.3	—	—					
	May					June					July					August				
Milk and cream mixtures																				
Light cream																				
Heavy cream																				
Sour cream																				
Total cream items																				
Yogurt																				
Eggnog																				
	September					October					November					December				
Milk and cream mixtures																				
Light cream																				
Heavy cream																				
Sour cream																				
Total cream items																				
Yogurt																				
Eggnog																				

1/ Total packaged disposition in and out of the marketing area by regulated pool plants. Excludes New York-New Jersey, Upper Midwest, Greater Louisiana, New Orleans-Mississippi, and Tennessee Valley.
2/ Percentage changes over the previous year are based on the same number of comparable markets. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

TABLE 12.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MARCH 1976^{1/}

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	PRODUCT POUNDS 1,000 LBS.				CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
				COTTAGE CHEESE	SKIM MILK POWDER						
NEW ENGLAND AND MIDDLE ATLANTIC	5,109	110,084	46,706	43,530	65,510	62,483	4,718	21,755	359,896		
SOUTH ATLANTIC	1,178	14,406	20,026	9,483	6,595	563	3,632	9,751	65,636		
EAST NORTH CENTRAL	35,294	522,403	80,397	136,861	149,169	96,355	6,644	95,746	1,122,869		
WEST NORTH CENTRAL	23,507	272,778	32,955	48,783	142,022	13,456	2,836	18,611	554,947		
EAST SOUTH CENTRAL	2,820	9,404	6,980	5,277	18,080	2,870	827	11,683	57,942		
WEST SOUTH CENTRAL	5,240	64,251	21,707	20,454	29,991	14,615	4,948	15,648	176,855		
MOUNTAIN	1,947	44,166	15,584	22,192	2,521	356	2,641	4,817	94,225		
PACIFIC	8,017	44,955	11,831	19,389	38,491	5,174	736	3,062	131,656		
TOTAL OF REGIONS 5/	83,112	1,082,447	236,186	305,970	452,380	195,873	26,982	181,074	2,564,024		
BUTTERFAT POUNDS 1,000 LBS.											
NEW ENGLAND AND MIDDLE ATLANTIC	2,734	4,091	6,766	372	48	1,041	0	1,527	16,579		
SOUTH ATLANTIC	463	513	2,129	329	0	18	0	368	3,819		
EAST NORTH CENTRAL	14,973	20,196	9,749	1,358	210	1,091	0	3,471	51,048		
WEST NORTH CENTRAL	9,699	10,161	3,343	746	62	209	6/	928	25,148		
EAST SOUTH CENTRAL	1,151	378	916	46	0	105	0	469	3,075		
WEST SOUTH CENTRAL	2,058	1,998	2,587	193	23	262	0	1,038	8,160		
MOUNTAIN	780	1,717	1,494	179	2	13	0	187	4,373		
PACIFIC	2,876	1,703	1,124	178	13	204	0	164	6,263		
TOTAL OF REGIONS 5/	34,744	40,757	28,108	3,401	358	2,943	6/	8,153	118,465		

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

6/ LESS THAN 500 POUNDS.

TABLE 13.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MARCH 1977 ^{1/}

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	6,527	107,294	51,984	42,533	60,626	55,203	3,600	34,504	362,270
SOUTH ATLANTIC	2,375	15,912	14,882	5,711	3,865	203	3,775	9,768	56,491
EAST NORTH CENTRAL	40,699	563,293	78,508	136,015	169,883	135,211	8,668	82,223	1,214,501
WEST NORTH CENTRAL	32,218	462,514	30,659	48,506	243,326	15,214	2,686	21,650	856,772
EAST SOUTH CENTRAL	2,253	17,683	10,653	5,105	12,253	3,010	739	7,855	59,551
WEST SOUTH CENTRAL	5,248	58,748	25,243	26,013	29,812	17,122	5,353	21,881	189,420
MOUNTAIN	2,432	43,364	17,164	22,771	5,565	239	2,739	4,595	98,869
PACIFIC	8,868	48,282	12,752	20,805	47,390	4,799	681	3,166	146,742
TOTAL OF REGIONS 5/	100,619	1,317,090	241,845	307,458	572,720	231,002	28,239	185,642	2,984,615
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	3,495	3,923	7,196	375	42	720	0	2,093	17,844
SOUTH ATLANTIC	924	605	2,157	221	0	7	0	459	4,374
EAST NORTH CENTRAL	17,370	22,122	9,298	1,483	242	1,420	0	3,347	55,282
WEST NORTH CENTRAL	13,464	17,272	3,376	540	132	191	6/	1,112	36,087
EAST SOUTH CENTRAL	862	742	1,178	44	0	116	0	328	3,270
WEST SOUTH CENTRAL	1,862	1,901	3,098	270	24	382	0	1,125	8,662
MOUNTAIN	929	1,547	1,558	193	3	9	0	209	4,448
PACIFIC	3,239	1,837	1,203	187	36	207	0	172	6,880
TOTAL OF REGIONS 5/	42,145	49,949	29,063	3,313	480	3,051	6/	8,845	136,847

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AREATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING
6/ LESS THAN 500 POUNDS.

Table 14.—Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1977 to date, with comparisons ^{1/}

Manufactured dairy products	January		February		March		April		May		June	
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Percent											
Butter	35.8	33.3	34.2	32.2	30.8	29.3						
Cheese	35.7	33.7	35.7	34.2	36.5	34.4						
Frozen desserts	17.2	19.8	18.7	20.9	21.2	23.7						
Cottage cheese	2.1	2.5	2.3	2.6	2.4	2.9						
All other ^{2/}	9.2	10.7	9.1	10.1	9.1	9.7						
	100.0	100.0	100.0	100.0	100.0	100.0						

Manufactured dairy products	July		August		September		October		November		December	
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Percent											
Butter												
Cheese												
Frozen desserts												
Cottage cheese												
All other ^{2/}												

^{1/} Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

^{2/} Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 17.--Dairy product prices and manufacturing milk prices January 1977 to date, with comparisons

Dairy product market prices													
Month	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY, EDIBLE 1/						
	Chicago	New York	Wis. assembling points	Chicago area	Central States	Production Area	Nonhygro/Hygro 3/	1977	1976	1977	1976	1977	1976
Cents per pound													
92-Score	92-Score	93-Score	Barrel	Blocks	Spray process	Nonhygro/Hygro 3/	1977	1976	1977	1976	1977	1976	1976
January	90.82	86.12	94.00	89.87	84.01	95.81	92.62	100.44	62.53	66.04	8.10	6.67	
February	90.82	80.94	94.00	84.81	84.76	86.44	92.62	90.03	62.50	64.25	7.54	5.91	
March	92.68	86.05	97.01	91.42	88.51	90.62	93.80	94.42	62.45	63.37	7.34	5.40	
April	100.06	89.52	103.83	93.88	93.38	91.94	97.89	96.88	64.75	62.90	7.50	5.26	
May		89.88		94.50		89.75		94.94		62.71		5.20	
June		95.02		99.88		89.85		95.52		62.69		5.36	
July		105.75		110.00		94.62		100.12		62.79		5.54	
August		106.24		109.69		99.25		106.19		62.62		6.48	
September		92.39		98.81		91.52		98.08		62.77		6.89	
October		90.77		95.31		88.31		93.31		62.78		7.40	
November		90.82		94.00		86.28		92.88		62.60		8.04	
December		90.82		94.00		85.70		92.82		62.58		8.32	
Average		92.03		96.35		90.84		96.30		63.18		6.37	

Prices paid for manufacturing grade milk, 3.5% butterfat content				
Month	Minn.-Wis. Manuf.		Butter powder	
	Grade milk 4/	"Snubber" 5/	1977	1976
Dollars per 100 lb.				
January	8.19	8.90	8.46	8.55
February	8.16	8.25	8.46	8.19
March	8.31	8.60	8.53	8.33
April	8.60	8.44	9.03	8.44
May		8.30		8.44
June		8.32		8.65
July		8.71		9.11
August		8.99		9.12
September		8.46		8.55
October		8.26		8.48
November		8.26		8.47
December		8.25		8.47

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by SRS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS. 5/ (Chicago 92-score butter price converted by using 92-score butter price times 0.120. plant price times 8.2) less 48 cents.

Table 18.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1977 to date

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/										U.S.	
	All milk					Manufacturing					Milk eligible					Paid farmers for milk used in:					milk-feed	
	wholesale 2/					grade milk 2/					for fluid					Evaporated					price	
	1977**					1977**					market 2/					2/ milk 3/					ratio 2/ 4/	
	Parity	Price	Per-	Parity	Price	Av.	Parity	Price	at	fat	Parity	Price	2/	1977**	1976**	1977**	1976**	1977*	1976*	1977*	1976*	1977*
	price	at	cent	price	at	test	price	at	equiv-	test	equiv.	price	at	equiv.	7/							
	5/	test	ity 6/																			
Dollars per 100 pound																						
Jan.	12.60	9.65	74	10.67	8.48	3.79	78.3	9.30	9.80	9.57	10.09	8.16	8.76	8.08	8.76	8.15	8.83	8.10	8.35	8.11	8.35	1.49
Feb.	12.80	9.54	72	10.84	8.41	3.74	76.8	9.25	9.54	9.53	9.87	8.15	8.23	8.04	8.18	8.17	8.26	8.11	8.11	8.11	1.48	
Mar.	12.90	9.43	72	10.93	8.46	3.68	77.3	9.21	9.55	9.45	9.80	8.26	8.31	8.15	8.28	8.29	8.44	8.16	8.06	8.16	1.47	
Apr.	13.00	9.40	74	11.01	8.66	3.62	79.2	9.27	9.26	9.46	9.48	8.52	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
May									9.15	9.39	9.39	8.24	8.16	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44
June									9.11	9.33	9.30	8.30	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
July									9.42	9.63	9.63	8.62	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
Aug.									9.66	9.87	9.87	8.85	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
Sept.									9.72	9.98	9.98	8.51	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
Oct.									9.70	10.04	10.04	8.25	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
Nov.									9.54	9.85	9.85	8.18	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
Dec.									9.36	9.63	9.63	8.17	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	
Si. av:									9.48	9.74	9.74	8.40	8.32	8.50	8.23	8.52	8.44	8.35	8.08	8.35	1.44	

Dollars per 100 pound

Month	General price measures										Price indexes										Retail 9/	
	Prices	paid by farmers	Livestock & products	Dairy products	ratio 2/ 11/	Parity	Wholesale 8/	All commodities	Dairy products	All items	All food	Dairy products	Wholesale 8/	All commodities	Dairy products	All items	All food	Dairy products	Wholesale 8/	All commodities	Dairy products	Ratio 2/ 4/
Jan.	189	183	170	183	92	98	188.0	179.3	166.8	169.7	175.3	166.7	183.4	180.8	171.3	168.2	168.2	168.2	168.2	168.2	168.2	168.2
February	200	187	174	183	94	98	190.0	179.3	166.9	163.4	177.1	167.1	187.7	180.0	171.1	168.5	168.5	168.5	168.5	168.5	168.5	168.5
March	201	190	186	178	95	97	191.9	179.6	168.1	166.7	178.2	167.5	188.6	178.7	171.2	167.9	167.9	167.9	167.9	167.9	167.9	167.9
April	204	191	189	172	94	99	194.3	181.3	167.8	167.7	179.6	168.2	190.9	179.2	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
May	191	185	191	185	100	100	181.8	181.8	167.1	167.1	170.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
June	193	184	196	184	102	102	183.1	183.1	167.0	167.0	170.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
July	194	179	195	179	101	101	184.3	184.3	170.0	170.0	171.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
August	193	187	187	175	97	97	183.7	183.7	173.9	173.9	171.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
September	193	187	187	172	97	97	184.7	184.7	170.3	170.3	171.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
October	192	178	178	165	93	93	185.2	185.2	169.5	169.5	173.3	173.3	181.6	181.6	171.1	168.2	168.2	168.2	168.2	168.2	168.2	168.2
November	192	162	173	162	90	90	185.6	185.6	168.1	168.1	171.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
December	193	168	179	168	93	93	187.1	187.1	167.3	167.3	171.1	169.2	180.0	180.0	171.4	167.9	167.9	167.9	167.9	167.9	167.9	167.9
Average	192	177	186	177	97	97	182.9	182.9	168.4	168.4	170.5	170.5	180.8	180.8	171.3	168.2	168.2	168.2	168.2	168.2	168.2	168.2

Indexes 1967=100

* Preliminary. ** Based on partially revised data. 1/ Converted by using Chicago 92-score butter times 0.120. 2/ "Agricultural Prices," SPS. 3/ "Dairy Products," SPS. 4/ Pounds of concentrate ration equal in value to one pound of milk sold to plants. 5/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago 92-score times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BLS. 9/ "Consumer Price Index," BLS. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 19.--Retail prices paid by consumers for dairy products, United States, January 1977 to date, with comparisons 1/

Month	Whole milk and skim milk				Ice cream prepackaged	Cheese American process 4/	Butter 2/		
	At stores								
	Whole milk 2/		Skim milk 3/						
	1977	1976	1977	1976	1977	1976	1977	1976	
	Cents per ½ gal.				Cents per ½ gal.		Cents per ½ lb.		Cents per lb.
Jan.	83.2	82.1	79.2	77.8	130.5	125.6	87.9	86.2	127.0 : 129.8
Feb.	83.6	82.7	78.7	77.4	130.7	126.8	84.0	86.7	126.8 : 123.1
Mar.	83.5	82.8	78.4	77.7	131.2	125.6	84.3	85.6	127.4 : 117.8
Apr.	83.4	82.6	78.5	77.7	130.2	125.8	84.8	84.9	129.2 : 119.8
May		82.0		77.4		125.3		85.7	: 120.6
June		82.2		77.7		126.7		85.8	: 121.1
July		81.9		77.3		125.2		85.8	: 125.9
Aug.		82.0		77.1		126.3		86.2	: 133.2
Sept.		82.9		78.4		128.4		87.7	: 135.0
Oct.		84.3		79.3		130.2		88.2	: 131.0
Nov.		83.7		79.4		128.7		87.4	: 128.9
Dec.		83.3		79.1		131.1		87.7	: 127.3
Si. av.	83.4	82.7	78.7	78.0	130.6	127.1	85.2	86.5	127.6 : 126.1

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Department of Labor.

2/ 56-city average. 3/ 25-city average. 4/ 45-city average.

Table 20.--Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, April 1977, with comparisons 1/

Market	Prices at stores				Ice cream		Cheese		Butter	
					prepackaged		American process			
	Whole milk		Skim milk							
	Apr. 1977	Apr. 1976	Apr. 1977	Apr. 1976	Apr. 1977	Apr. 1976	Apr. 1977	Apr. 1976	Apr. 1977	Apr. 1976
	Cents per half gallon				Cents ½ gal.		Cents per ½ lb.		Cents per lb.	
Atlanta, Ga.	100.7	97.9	—	—	124.0	109.5	92.2	88.3	130.7	116.9
Baltimore, Md.	84.5	84.7	—	—	119.5	114.3	89.1	84.2	131.5	120.1
Boston, Mass.	78.9	77.0	—	—	142.2	142.1	85.1	80.4	117.9	126.3
Buffalo, N.Y.	86.8	84.8	—	—	117.4	120.2	82.0	80.7	117.4	107.5
Chicago, Ill.-NW. Ind.	84.8	82.2	80.7	79.2	118.7	130.3	84.0	78.3	128.6	114.9
Cincinnati, Ohio	85.7	83.1	83.6	80.2	127.3	113.6	86.2	82.6	135.0	131.2
Cleveland, Ohio	74.4	70.4	—	—	119.4	112.4	94.1	85.8	120.2	115.0
Dallas, Texas	87.9	83.6	81.3	76.2	126.6	123.5	84.1	85.4	132.9	124.6
Detroit, Mich.	75.9	79.1	—	—	125.5	109.6	87.8	83.0	128.3	111.2
Honolulu, Hawaii	112.5	105.5	109.9	104.1	163.0	152.7	102.6	100.8	133.6	137.3
Houston, Texas	98.0	96.3	94.4	94.1	142.2	146.2	97.6	99.7	138.4	136.4
Kansas City, Mo.	82.5	82.3	78.0	77.9	121.4	124.8	86.5	83.2	140.9	131.5
Los Ang.-L. Beach, Ca.	66.3	68.9	57.4	59.2	119.1	113.2	88.5	87.6	128.3	119.4
Milwaukee, Wisc.	80.6	77.2	74.7	73.3	128.6	124.0	87.1	86.0	116.9	108.8
Mpls.-St. Paul, Minn.	75.8	74.6	63.4	61.9	121.2	114.1	95.7	91.3	117.7	113.2
New York-NE N.J.	85.2	85.8	—	—	163.3	154.7	87.1	85.3	137.5	125.6
Philadelphia, Pa.	87.6	86.3	—	—	145.9	144.6	81.4	78.9	134.6	126.4
Pittsburgh, Pa.	75.4	77.4	75.9	77.4	122.0	116.8	90.2	78.1	123.4	114.4
St. Louis, Mo.	82.6	81.9	78.5	77.5	134.4	122.4	88.1	85.8	130.4	120.2
San Diego, Calif.	66.2	69.4	58.7	61.1	131.1	115.9	91.3	90.0	129.8	122.7
San Fran.-Oak., Calif.	69.9	71.0	—	—	129.4	121.5	94.5	87.7	127.5	114.8
Seattle, Wash.	80.6	81.3	76.5	76.5	133.3	137.8	90.3	89.9	120.1	116.0
Washington, D.C.-Md.-Va.	86.6	84.7	71.1	77.7	150.5	142.8	89.5	87.0	134.2	121.3
United States 2/	83.4	82.6	78.5	77.7	130.2	125.8	84.8	84.9	129.2	119.8

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 56-city average for whole milk and butter, 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.

Table 21.--U.S. production, January 1977 to date, with comparisons

Month	Milk 1/		Butter 2/		Total Cheese		Nonfat dry milk 2/		Frozen desserts	
	1977*	1976**	1977*	1976**	1977*	1976**	1977*	1976**	1977*	1976*
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. lb.	
Jan.	9.9	9.6	105.6	94.3	264.8	249.0	71.5	67.0	69.9	74.4
Feb.	9.4	9.3	96.2	85.4	254.0	241.2	72.3	71.1	75.7	77.3
Mar.	10.6	10.3	98.4	89.3	299.2	275.0	87.5	78.4	101.1	102.0
Apr.	10.7	10.5	100.4	87.6	301.9	297.0	107.1	87.6	98.0	99.9
May		11.1		94.0		313.6		104.9		100.6
June		10.8		84.0		320.0		108.9		118.1
July		10.5		72.4		296.6		94.7		119.2
Aug.		10.1		66.0		284.0		75.2		113.9
Sept.		9.6		63.4		267.5		61.2		101.2
Oct.		9.6		78.2		256.2		61.6		81.6
Nov.		9.2		77.3		252.1		54.5		75.8
Dec.		9.7		91.8		274.9		72.8		72.9
Year to date	40.6	120.4	400.7	983.8	1,119.9	3,327.1	338.3	937.6	344.8	1,136.9

* Preliminary.

** Partially revised.

1/ "Milk Production," SRS.

2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbert.

Table 22.--Commercial and government storage holdings, January 1977 to date, with comparisons

Month	Storage Holdings 1/											
	Butter 2/				Total Cheese 2/				Nonfat dry milk			
	Commer-		Gov't		Commer-		Gov't		Commer-		Gov't	
	cial	1977*	1977*	1976**	cial	1977*	1977*	1976**	cial	1977*	1977*	1976**
	1977				1977				1977	4/		
	Million pounds				Million pounds				Million pounds			
Jan.	30.8	36.9	67.6	9.3	480.0	5.7	485.7	362.3	87.8	373.8	461.6	453.7
Feb.	41.7	52.6	94.3	16.5	460.6	10.0	470.6	365.9	84.9	384.7	469.5	460.3
Mar.	44.8	61.6	106.4	31.1	466.1	20.8	486.9	367.9	78.9	386.5	465.4	475.6
Apr.	54.3	72.8	127.1	44.5	488.0	21.2	509.2	393.0	106.6	414.3	520.9	442.0
May				69.1				435.6				463.6
June				80.9				480.6				479.5
July				83.1				511.3				497.2
Aug.				82.4				518.1				505.6
Sept.				68.1				522.5				494.8
Oct.				60.7				501.4				496.0
Nov.				47.4				481.9				479.7
Dec.				47.1				478.4				479.7

* Preliminary.

** Based on partially revised data.

1/ End of month.

2/ "Cold Storage Reports," SRS.

3/ "Dairy Products," SRS.

4/ "Summary of Processed Commodities in Store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1977 to date, with comparisons

Month	Butter 1/	American cheese	Nonfat dry milk	Milk equivalent of net
	1977	1976	1977	U.S.D.A. purchases 2/
	1,000 lb.	1,000 lb.	1,000 lb.	1976
Jan.	32,411	0	32,801	846
Feb.	31,520	0	30,230	883
Mar.	11,599	0	13,899	417
Apr.	25,880	384	37,259	602
May		0	25,345	15
June		0	33,077	33
July		0	38,519	64
Aug.		0	27,518	3
Sept.		0	19,345	2
Oct.	4,864	403	16,279	18
Nov.	14,215	8,721	24,490	383
Dec.	19,953	17,969	28,852	592
Year to date	101,410	39,416	114,189	2,747
		65,505	258,179	4/ 1,146

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 61 million pounds (milk equivalent) of evaporated milk.

4/ Includes 47 million pounds (milk equivalent) of evaporated milk.

Fluid Milk Processing Plants in Federal Milk Order Marketing Areas*

Handlers regulated under Federal milk orders process approximately two-thirds of all the fluid milk products sold in the United States. In December 1975, these handlers, serving 56 Federal milk order marketing areas, operated 953 fluid milk processing plants which packaged and distributed nearly 3.5 billion pounds of fluid milk products. To determine the relative size of these fluid milk processing plants, a survey was made of their operations during December 1975.

Some highlights of the survey are:

- (1) During December 1975, the volume of fluid milk products processed per plant averaged more than 3.6 million pounds (422 million gallons). The smallest plant packaged less than 25,000 pounds; the largest plant packaged more than 35 million pounds. There were 239 plants which processed less than 400,000 pounds and 15 plants which processed over 21 million pounds. Of these 15 plants, eight were located in the Middle Atlantic region and five in the East North Central region. See table 1.
- (2) The average volume of fluid milk products processed per plant in a region varied from 2.3 million pounds in the Pacific region to 4.7 million pounds in the South Atlantic region. Among the markets within a region the average volume per plant also varied widely. For example, in the East North Central region, fluid milk plants in Michigan Upper Peninsula, on the average, packaged 518,000 pounds while in Southern Michigan, the plants averaged 6.5 million pounds. In the Chattanooga market, the plant average of 8.0 million pounds was the largest of all the markets surveyed. See table 2.
- (3) Generally, the marketing areas which process the larger volumes of fluid milk products have the bigger plants. Of the 32 plants which processed more than 17 million pounds of fluid milk products in December 1975, 27 were located in the nine largest markets. By way of contrast, in the 21 smallest markets 41 of the 92 plants packaged less than one million pounds and no plants packaged more than nine million pounds. See tables 3 and 4.
- (4) In order to survey these relationships among marketing areas based on their size, the orders were grouped according to the total volume of fluid milk products processed. Among these size groupings of markets, the amount of fluid milk products packaged per plant ranged from 1.7 million pounds in the smallest grouping to 4.6 million pounds in the largest grouping. Among the markets within a size grouping, the average volume per plant varied widely. For example, in the 61-100 million pound grouping, fluid milk plants in Oregon-Washington, on the average, processed 1.7 million pounds while in St. Louis-Ozarks the plants averaged 6.8 million pounds. See table 4.

* Prepared by John P. Rourke, Agricultural Economist, Market Information Branch, Dairy Division, Agricultural Marketing Service.

Table 1.—Frequency distribution of fluid milk processing plants operated by handlers regulated under Federal milk orders, grouped by regions, according to packaged Class I disposition on routes, December 1975

Class I Disposition on routes 1/ (1,000 pounds)	Number of fluid milk processing plants by region 2/ :											
	New	Middle	South	East North	West North	East South	West South	Mountain	Pacific	All Regions		
	England	Atlantic	Atlantic	Central	Central	Central	Central	Central	Central	Combined		
Less than 400	38	63	4	68	27	2	7	15	15	239		
401 - 1,000	24	24	8	44	17	5	6	5	12	145		
1,001 - 3,000	18	27	13	65	26	8	24	17	17	215		
3,001 - 5,000	6	12	10	30	15	3	22	11	4	113		
5,001 - 7,000	5	12	13	23	9	4	14	6	3	89		
7,001 - 9,000	3	8	4	19	9	0	5	1	2	51		
9,001 - 13,000	2	9	6	15	5	2	5	2	1	47		
13,001 - 17,000	3	4	1	8	3	0	0	1	2	22		
17,001 - 21,000	1	3	1	6	3	1	2	0	0	17		
Over 21,000	2	8	0	5	0	0	0	0	0	15		

1/ Class I (fluid milk products) packaged and distributed on routes, both in and out of the marketing area.

2/ See table 2 on pages 8 and 9 for markets included in each region. In December 1975, the following markets had neither merged nor expanded; Boston Regional and Connecticut (New England), Duluth-Superior, Minneapolis-St. Paul, Minnesota North Dakota, and Southeastern Minnesota-Northern Iowa (Upper Midwest), Appalachian, Chattanooga, Chattanooga, and Knoxville (Tennessee Valley), Northern Louisiana (Greater Louisiana), and New Orleans (New Orleans-Mississippi).

Table 2.—Number of fluid milk processing plants, packaged Class I disposition on routes, and average volume per plant, by regional groups of Federal milk order marketing areas, December 1975

Region	Number of plants	Class I disposition on routes Mil. lbs.	Average volume per plant 1/ 1,000 lbs.	Range in average volumes per plant of markets in the region 2/
New England	102	254.2	2,493	2,157 - 3,645
Middle Atlantic	170	679.9	4,000	3,862 - 4,202
South Atlantic	60	279.9	4,664	3,873 - 5,830
East North Central	283	1,092.2	3,859	518 - 6,536
West North Central	114	408.9	3,586	314 - 6,762
East South Central	25	98.0	3,922	3,015 - 8,003
West South Central	85	354.4	4,170	2,553 - 5,017
Mountain	58	164.0	2,828	856 - 6,367
Pacific	56	128.9	2,301	1,653 - 4,438
All regions combined	953	3,460.4	3,631	314 - 8,003

1/ Total packaged Class I disposition on routes divided by the total number of plants in the region.

2/ Range is based on the average volume per plant of the markets within the region. The average volume per plant in a market equals the total packaged Class I disposition on routes divided by the number of plants in the market.

Table 3.—Frequency distribution of fluid milk processing plants operated by handlers regulated under Federal milk orders, by size of market, according to packaged Class I disposition on routes, December 1975

Class I Disposition on routes <u>1/</u> (1,000 pounds)	Number of fluid milk processing plants by size of market <u>2/</u> :									
	Less than : 11 Mil. lbs.	: 11-20 : Mil. lbs.	: 21-40 : Mil. lbs.	: 41-60 : Mil. lbs.	: 61-100 : Mil. lbs.	: 101-200 : Mil. lbs.	: 201-400 : Mil. lbs.			
Less than 400	13	: 12	: 18	: 14	: 24	: 71	: 87			
401 - 1,000	8	: 8	: 14	: 9	: 24	: 42	: 40			
1,001 - 3,000	14	: 14	: 18	: 32	: 32	: 57	: 48			
3,001 - 5,000	5	: 7	: 13	: 18	: 19	: 23	: 28			
5,001 - 7,000	1	: 6	: 11	: 20	: 15	: 11	: 25			
7,001 - 9,000	2	: 2	: 1	: 5	: 10	: 11	: 20			
9,001 - 13,000	0	: 0	: 4	: 8	: 8	: 8	: 19			
13,001 - 17,000	0	: 0	: 1	: 3	: 5	: 4	: 9			
17,001 - 21,000	0	: 0	: 2	: 0	: 3	: 2	: 10			
Over 21,000	0	: 0	: 0	: 0	: 0	: 3	: 12			

1/ Class I (fluid milk products) packaged and distributed on routes, both in and out of the marketing area.

2/ The size of the market is based on the total packaged Class I disposition on routes by all the handlers regulated under the order in December 1975.

Table 4.—Number of fluid milk processing plants, packaged Class I dispositions on routes, and average volume per plant, by size of Federal milk order market, December 1975

Size of Federal milk order markets ^{1/} (Million pounds)	: Number of Federal milk order markets	: Number of plants	: Class I disposition on routes	: Average volume per plant ^{2/}	: Range of average volumes per plant of markets in the size grouping ^{3/}
			: Mil. lbs.		: 1,000 lbs.
Less than 11	: 13	: 43	: 75.0	: 1,745	: 314 - 3,187
11 - 20	: 8	: 49	: 115.2	: 2,351	: 1,666 - 3,198
21 - 40	: 10	: 82	: 271.5	: 3,311	: 2,226 - 8,003
41 - 60	: 9	: 109	: 438.3	: 4,021	: 2,941 - 6,367
61 - 100	: 7	: 140	: 539.3	: 3,852	: 1,653 - 6,762
101 - 200	: 4	: 232	: 650.0	: 2,802	: 2,157 - 4,517
201 - 400	: 5	: 298	: 1,371.2	: 4,601	: 3,862 - 6,536

^{1/} Based on packaged Class I disposition on routes.

^{2/} Total packaged Class I dispositions on routes in the size grouping divided by the total number of plants in the size grouping.

^{3/} Range is based on the average volume per plant of the markets within the size grouping. The average volume per plant in a market equals the total packaged Class I disposition on routes divided by the total number of plants in the market.

MAJOR ORDER ACTIONS, APRIL 1977

Amendments:

New York-New Jersey - April 1 (42 FR 11822, 3/1/77). Cooperatives must receive payment from handlers by the 19th day of the month at class prices for milk delivered during the previous month.

Dates for making payments to and from the producer-settlement fund are changed to the 21st and 22nd of the month from the 18th and 20th, respectively.

Ohio Valley - April 1 (42 FR 11234, 2/28/77). Payments to nonmember producers may be made by handlers instead of by the market administrator.

The combined operation of two or more distributing pool plants of a handler may be considered as one plant in meeting the total route disposition percentage requirement for pooling.

Packaged fluid milk products transferred to a distributing plant from a plant that has no distribution in the marketing area are considered as an interplant transfer and not as a route disposition from the transferor-plant (as previously provided in the order) in determining the pool plant status of the transferor-plant.

Skim milk and butterfat in a product containing less than 6.5 percent nonfat milk solids are classified in Class III.

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